DOCUMENT RESUME

ED 367 698 TM 021 162

AUTHOR Bennof, Richard
TITLE Federal Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1991. A Report to the President and Congress. Surveys of Science Resources Series. Detailed Statistical Tables.
INSTITUTION National Science Foundation, Washington, D.C.
REPORT NO NSF-93-325
PUB DATE 93
NOTE 259p.
AVAILABLE FROM Division of Science Resources Studies, National Science Foundation, Arlington, VA 22230.
PUB TYPE Statistical Data (110)

EDRS PRICE MF01/PC11 Plus Postage.
DESCRIPTORS Colleges; *Federal Aid; Federal Programs; *Financial Support; Government School Relationship; Higher Education; National Surveys; Nonprofit Organizations; Policy Formation; *Public Support; Research and Development

ABSTRACT

The level, distribution, and characteristics of federal support to institutions of higher education are of great interest to both government and nongovernment policy makers. The National Science Foundation annually collects statistical data by survey from the 15 federal agencies that account for virtually all support for science and engineering (S&E) research and development at educational institutions. In addition, data are reported on the agencies' obligations to nonprofit institutions. This survey system is the sole source of data on federal funding for S&E and non-S&E activities. The data from these tables make it possible to examine the patterns of support for individual institutions and to compare patterns among institutions. Detailed tables are given for different types of institutions and by individual institution. There are 43 tables in all. (SLD)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

SCOPE OF INTEREST NOTICE

The ERIC Facility has assigned this document for processing to: TM

In our judgment, this document is also of interest to the Clearinghouses noted to the right. Indexing should reflect their special points of view. HE

ED 367 698

A Report to the President and Congress

Federal Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1991

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

☑ This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

Project Officer: Richard Bennof

Surveys of Science Resources Series
National Science Foundation **Detailed Statistical Tables**

NSF 93-325

TM 021162

BEST COPY AVAILABLE

Suggested Citation

National Science Foundation, ***Federal Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1991***, NSF 93-325, (Arlington, VA, 1993).

Availability of Publications

Single copies are available free of charge from the Division of Science Resources Studies, National Science Foundation, Arlington, VA 22230. If you are a user of electronic mail and have access to either BITNET or Internet, you may order publications electronically. BITNET users should address request to pubs@nsf. Internet users should send requests to pubs@nsf.gov. In your request, include the NSF publication number and title, number of copies, your name, and a complete mailing address. Printed publications may also be ordered by fax (703/644-4278). Publications should be received within three weeks after receipt of request. See roman numeral page four for availability of science and technology data on the Science and Technology Information System (STIS).

NSF'S Telephonic Device for the Deaf: (703) 306-0090

Contributors

Data collection, preparation, and tabulations were performed by Quantum Research Corporation for the National Science Foundation. The Project Officer for this contract was Richard J. Bennof.

LETTER OF TRANSMITTAL

Arlington, VA

Dear Mr. President:

I have the honor to transmit to you the statistical report, *Federal Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1991*, in accordance with the National Science Foundation Act of 1950, as amended.

Respectfully,

Neal Lane
Director
National Science Foundation

The President of the United States

STIS

The Science & Technology Information System (STIS) at the National Science Foundation

What is STIS?

STIS is an electronic dissemination system that provides fast, easy access to National Science Foundation (NSF) publications. There is no cost to you except for possible long-distance phone charges. The service is available 24 hours a day, except for brief weekly maintenance periods.

What Publications are Available?

Publications currently available include:

- The *NSF Bulletin*
- Program announcements and "Dear Colleague" letters
- General publications and reports
- Press releases, Other NSF news items
- NSF organizational and alphabetical phone directories
- NSF vacancy announcements
- Award abstracts (1989-now)

Our goal is for all printed publications to be available electronically.

Access Methods

There are many ways to access STIS. Choose the method that meets your needs and the communication facilities you have available.

Electronic Documents Via E-Mail. If you have access to Internet e-mail, you can send a specially formatted message, and the document you request will be automatically returned to you via e-mail.

Anonymous FTP. Internet users who are familiar with this file transfer method can quickly and easily transfer STIS documents to their local system for browsing and printing.

On-Line STIS. If you have a VT100 emulator and an Internet connection or a modem, you can log on to the on-line system. The on-line system features full-text search and retrieval software to help you locate the documents and award abstracts that are of interest to you. Once you locate a document, you can browse through it on-line or download it using the Kermit protocol or request that it be mailed to you.

Direct E-Mail. You can request that STIS keep you informed, via e-mail, of all new documents on STIS. You can elect to get either a summary or the full text of new documents.

Internet Gopher and WAIS. If your campus has access to these Internet information resources, you can use your local client software to search and download NSF publications. If you have the capability, it is the easiest way to access STIS.

Getting Started with Documents Via E-Mail

Send a message to the Internet address **stisserv@nsf.gov**. The *text* of the message should be as follows (the Subject line is ignored):

get index

You will receive a list of all the documents on STIS and instructions for retrieving them. Please note that all requests for electronic documents should be sent to **stisserv**, as shown above. Requests for printed publications should be sent to **pubs@nsf.gov.**

Getting Started with Anonymous FTP

FTP to *stis.nsf.gov*. Enter *anonymous* for the username, and your E-mail address for the password. Retrieve the file "index". This contains a list of the files available on STIS and additional instructions.

Getting Started with The On-Line System

If you are on the Internet: *telnet stis.nsf.gov*. At the login prompt, enter *public*.

If you are dialing in with a modem: Choose 1200, 2400, or 9600 baud, 7-E-1. Dial (703) 306-0212 or (703) 306-0213

When connected, press *Enter*. At the login prompt, enter *public*.

Getting Started with Direct E-Mail

Send an E-mail message to the Internet address **stisserv@nsf.gov.** Put the following in the text:

get stisdirm

You will receive instructions for this service.

Getting Started with Gopher and WAIS

The NSF Gopher server is on port 70 of **stis.nsf.gov.** The WAIS server is also on **stis.nsf.gov.** You can get the ".src" file from the "Directory of Servers" at **quake.think.com.** For further information contact your local computer support organization.

For Additional Assistance Contact:

E-mail: *stis@nsf.gov* (Internet)

Phone: (703) 306-0214 (voice mail)

TDD: (703) 306-0090

NSF 94-4
(Replaces NSF 91-10)

FOREWORD

Institutions of higher education, the major source of the Nation's scientists and engineers, perform about one-half of the Nation's basic research. Therefore, the level, distribution, and characteristics of Federal academic support are of much interest to officials at Federal, State, and local levels and in nongovernmental sectors.

The National Science Foundation Act of 1950, as amended, requires that the Foundation " . . . initiate and maintain a program for the determination of the total amount of money for scientific and engineering research, including money allocated for the construction of the facilities wherein such research is conducted, received by each educational institution and appropriate nonprofit organization in the United States, by grant, contract, or other arrangement from agencies of the Federal Government, and to report annually thereon to the President and the Congress."

To fulfill this requirement, the Foundation has utilized the data collection system originally designed by the Committee on Academic Science and Engineering of the Federal Council for Science and Technology. The Foundation annually collects statistical data from the 15 Federal agencies that account for virtually all support for science and engineering (S&E) research and development at educational institutions. Data are also collected on these agencies' obligations to nonprofit institutions.

Since its inception, this survey system has been the sole source of data on Federal funding to individual institutions for S&E and non-S&E activities and therefore attracts a wide audience. These data provide information that enables users to examine patterns of support for individual institutions over time and to compare such patterns with those of other institutions.

We are grateful for the continued cooperation of the responsible staff members in the participating agencies, and we appreciate their efforts to assist us in ensuring the quality of their data submissions.

Kenneth M. Brown
Director
Division of Science Resources Studies
National Science Foundation

November 1993

CONTENTS

Page

General Notes 1

Section A. Technical Notes 5

Section B. Detailed Statistical Tables 13

GENERAL NOTES

The data presented in these tables represent all categories of direct Federal support to institutions of higher education in the United States. The 15 Federal agencies included provided virtually all funding for science and engineering (S&E) research and development (R&D) at universities and colleges. In addition, data are reported on these agencies' obligations to nonprofit institutions. Data on field of S&E disciplines and on Federally funded research and development centers (FFRDCs) were not published in this report but are available upon request.

Data Limitations and Relationship of This Survey to the Survey of Federal Funds for Research and Development

Data presented in this report on R&D and R&D plant by agency sometimes conflict significantly with such data presented in the annual National Science Foundation (NSF) survey titled Federal Funds for Research and Development, referred to hereafter as the Federal Funds Survey. The treatment of interagency transfers explains much of the difference in the totals. Interagency transfers of funds obligated to an academic or nonprofit institution are reported in the Federal Support Survey by the agency that actually obligates the funds to the receiving institution. In the Federal Funds Survey, however, obligations are reported by the initiating agency.

Each of several agencies utilizes personnel from separate internal offices to respond to the two individual surveys, and each frequently collects data from different sources. Data for the Federal Support Survey, for example, are generally processed from award files, whereas Federal Funds data are usually derived from agency budget documents.

Respondents from the separate internal offices that participate in the two surveys also frequently differ in their interpretation of the survey questions. The National Institutes of Health, for example, report its Biomedical Research Support Grants under "general support for science and engineering" in the Federal Support Survey but under "research and development" in the Federal Funds Survey. Regarding the structure of the surveys themselves, the data presented in this report differ in several ways from those presented in the report on the Federal Funds Survey.

1. The two surveys differ in number of agencies involved. In the Federal Support Survey, the 15 Federal agencies that obligate virtually all of Federal support to academic R&D collect data on *all* Federal obligations to institutions of higher education. For the Federal Funds Survey, data are gathered on budgets for R&D and R&D plant from all 33 Federal agencies that conduct such programs.

2. The scope of information gathered differs. Data collected in the Federal Support Survey pertain to individual academic institutions. Those collected in the Federal Funds Survey relate to all types of performers and are detailed as to character of work (basic and applied research, and development).

The fiscal year (FY) 1991 data shown in this report were submitted by the following Federal agencies, listed by the acronyms or abbreviated forms under which data were reported for them:

- AID - Agency for International Development
- Com - Department of Commerce
- DoD - Department of Defense
- DOT - Department of Transportation
- Ed - Department of Education
- EPA - Environmental Protection Agency
- DOE - Department of Energy
- HHS - Department of Health and Human Services
  - ADAMHA - Alcohol, Drug Abuse, & Mental Health Administration
  - CDC - Centers for Disease Control
  - FDA - Food and Drug Administration
  - HRSA - Health Resources and Services Administration
  - NIH - National Institutes of Health
- HUD - Department of Housing and Urban Development
- Int - Department of the Interior
- Labor - Department of Labor
- NASA - National Aeronautics and Space Administration
- NRC - Nuclear Regulatory Commission
- NSF - National Science Foundation
- USDA - Department of Agriculture

The following abbreviated references are used:

- FFRDC - Federally funded research and development center (not published in this report)
- FTTG - Fellowships, traineeships, and training grants
- FY - Fiscal year
- n.e.c. - Not elsewhere classified
- non-S&E - Non-science and engineering
- R&D - Research and development
- S&E - Science and engineering
- SRS - Division of Science Resources Studies, NSF, which produces this report.

Obligations shown for universities and colleges do not include funds obligated to FFRDCs administered by academic institutions. FFRDCs are R&D-performing entities that are formed to meet a particular Federal R&D objective that cannot be met effectively by existing organizational resources. They range from the traditional contractor-owned/contractor-operated or Government-owned/contractor-operated organizational structures to various degrees of contractor/Government control and ownership. Obligations to these organizations have not been published in this report (nor have data on nonprofit-administered FFRDCs), but data on FFRDCs are available upon request.

Totals presented here include tuition support programs such as Pell Grants and Supplemental Educational Opportunity Grants. The data exclude programs involving loans to individuals, such as Federal guaranteed student loan programs sponsored by the Department of Education, and Federal employee training and development activities. Also excluded is financial support of an indirect nature, such as funds allocated to State agencies, even if the final recipient of such funds is known to be an academic institution.

Because of rounding, data shown in the text or tabulations may not add to the totals or subtotals. Reported obligations were rounded to the nearest thousand dollars.

For further information concerning the availability of Federal Support Survey data and the technical aspects of this survey, please contact

Richard J. Bennof
Project Officer
Science and Engineering Activities Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
(703) 306-1772

INFORMATION SOURCES

Data Tapes

Public-use tapes from the Integrated Academic Science and Engineering Data Base are available for purchase and will normally be shipped within 3 working days from order receipt. Data tapes from the most recent surveys (1991) are currently available. Individuals interested in obtaining data tapes from the National Science Foundation (NSF) Surveys of Academic Science and Engineering should request a copy of the *Supplemental User Guide to Data Tapes*, which contains order forms and detailed information about the tapes. This document may be obtained by calling NSF's Division of Science Resources Studies at (703) 306-1772.

Institutional Profiles

Selected data items for individual doctorate-granting institutions and schools with science and engineering departments that grant a master's degree are available on computer-generated Institutional Profiles. An Institutional Profile consists of data not only from this survey but also from NSF's other two academic S&E surveys: the Survey of Scientific and Engineering Expenditures at Universities and Colleges and the Survey of Graduate Science and Engineering Students and Postdoctorates. For information on obtaining one or a limited group of Institutional Profiles, please call Richard J. Bennof at (703) 306-1772.

CASPAR

Institutional planners are now able to acquire data from several academic S&E resources on CD-ROM. The compact disc contains the Computer-Aided Science Policy Analysis and Research (CASPAR) data base system, which is an easy-to-use tool for retrieval and analysis of statistical data on academic S&E resources. CASPAR provides the analyst with an extensive and growing data library with multiyear statistics on the state of higher education in general and on academic S&E resources specifically. This data library is developed from multiple sources by using standardized institutional names and fields of science definitions. The CASPAR program includes built-in help capabilities to facilitate the use and interpretation of the data.

CASPAR data are drawn from a number of sources. All data are available by individual institutions, by State, and at the national level. Longitudinal data from surveys of universities and colleges conducted by the NSF Division of Science Resources Studies include the Federal Support Survey and R&D Expenditures Survey in addition to the Graduate Student Survey. Data from the surveys of universities and colleges conducted by the National Center for Education Statistics include earned degrees, opening fall enrollment, faculty salaries, tenure and fringe benefits, and financial statistics. Data from other sources include the National Research Council Doctorate Programs Ratings.

For additional information on CASPAR, write or fax your request to

Quantum Research Corporation
ATTN: CASPAR
7315 Wisconsin Avenue
Suite 631W
Bethesda, MD 20814
Fax: (301) 657-3862

SECTION A. TECHNICAL NOTES

Scope of Survey

Data presented in this report are collected annually through the National Science Foundation's (NSF) Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions. The survey originated in 1965, when the Committee on Academic Science and Engineering (CASE) within the Federal Council for Science and Technology established the CASE data collection system in order to report annually to the council on Federal obligations to academic institutions and associated federally funded research and development centers (FFRDCs). Since 1968, CASE data, as well as data on nonprofit institutions, have also served as the basis for an annual report to the President and Congress.

This survey is designed to collect information from Federal agencies on (1) total program support in thousands of dollars (encompassing both science and engineering (S&E) and non-science and engineering activities) to academic institutions, (2) total S&E support to FFRDCs administered by academic institutions, and (3) research and development (R&D) and R&D plant support to nonprofit institutions and associated FFRDCs. Data on FFRDCs have not been published in this report but are available upon request.

The fiscal year 1991 data in this report were submitted by 15 Federal agencies, covering the period October 1, 1990, through September 30, 1991. Data reported by the Agency for International Development, the Departments of Housing and Urban Development, Labor, and Transportation, and the Nuclear Regulatory Commission were combined, because of space constraints, to constitute the "other" category in tables that show funding by agency. In 1991, these five agencies accounted for less than 1 percent of all Federal academic support. In a few tables (including B-8, B-11, B-13, B-14, B-16, B-17) that list R&D obligations by agency and by individual academic institution, Department of Defense obligations are listed in two columns (one for research and the other for development). To accommodate the extra column, the "other" category in those tables includes data from the Department of the Interior in addition to the above five agencies. In 1991, the 15 agencies reported obligations to 2,422 universities and colleges, 41 academic system offices, and 949 independent nonprofit institutions.

In fiscal year 1991, the Johns Hopkins University Applied Physics Lab accounted for $401 million of Johns Hopkins' $408 million in total funding from the Department of Defense (DoD). During the fiscal year 1987 survey cycle, DoD determined that some funds reported in prior years as R&D obligations to the university were more appropriately classified as "other science and engineering." These funds were obligated to the Applied Physics Lab by the Department of the Navy, primarily for defense systems evaluations and improvements. Data for fiscal years 1986, 1985, and 1984 have been revised, but DoD was unable to revise data prior to fiscal year 1984. In addition, the fiscal year 1984 R&D total for the Applied Physics Lab was revised downward.

As a result of trend editing of the Department of Education's data each year, a small number of academic institutions' dollar totals are distributed by type of activity (R&D, non-S&E, etc.) on a prorated basis by NSF because the Department of Education can only evaluate the data on a "total obligations" basis. During the fiscal year 1987 survey cycle, the Department of Education determined that institution coding problems in earlier years caused its database to produce several large funding trend shifts at specific universities. Most of the large funding changes for academic institutions were from student financial-assistance programs (accounted for as non-S&E activities in this survey).

This report has been organized to focus on Federal S&E obligations to individual institutions in the B-series tables (beginning on page 21); data on non-S&E activities and total Federal obligations are presented in the C-series tables (beginning on page 124).

Data are shown for Federal obligations to institutions classified as historically black universities and colleges by type of activity, by agency, and by R&D obligations.

"R&D plant" in this report refers to large facilities and fixed equipment. Data on "research instrumentation" are not separately identifiable in this report. Research instrumentation funds are for equipment purchased under research project awards from current-fund accounts and are included under totals for research and development.

Some agencies not surveyed, such as the Department of Justice, may account for a significant proportion of the total receipts at some institutions, even though those receipts may constitute a small proportion of total academic R&D.

Obligations figures listed for individual institutions reflect direct Federal support so that amounts subcontracted to other institutions are included. Those funds received via subcontract arrangements from prime contractors are excluded.

Federal obligations to institutions are presented on the basis of the individual institutions that are components of the system, but obligations awarded directly to the central administration of a system are listed separately. If the final destination of the funds is not known, however, the agencies report them as obligations to a system's administrative office, or "central system," from which the funds are distributed to the system's individual institutions.

Other Science Resources Studies Reports on Federal R&D Funding

In addition to the Federal Funds for Research and Development Survey, the NSF Division of Science Resources Studies publishes one other report related to Federal R&D funding. *National Patterns of R&D Resources* includes information on R&D expenditures by different performers including industry, academia, and the Federal Government. The expenditures data in *National Patterns*, with the exception of Federal intramural R&D, are based on sample surveys of the performers of R&D. Respondents are asked to report how much they actually spent on R&D during the year and the source of those funds. Data in *National Patterns* are based on expenditures reported by performers; performers of R&D often expend Federal funds in a different

year from the one in which the Federal Government provided authorization, obligations, or outlays.

National Patterns data are based on a calendar year, but data in *Federal Support to Universities, Colleges, and Nonprofit Institutions* are based on the actual fiscal year. The two reports also differ in concepts and definitions.

Definitions

Obligations are the amounts for orders placed, contracts awarded, services received, and similar transactions during a given period, regardless of when the funds were appropriated and when future payment of money is required. Obligations differ from expenditures in that funds allocated by Federal agencies during one fiscal year may be spent by the recipient institution either partially or entirely during one or more subsequent years.

Deobligations are reported in the year in which the obligations were originally made. If the original year was not known or could not be determined by agency accounting records, the deobligation was reported for the current year (fiscal year 1991). Reporting negative data for the current year was possible if the deobligations exceeded current year obligations.

Type of Institution

Universities and colleges are those institutions of higher education in the United States that offer at least 1 year of college-level study leading toward a degree. A university or college comprises all parts of an academic institution, such as colleges of liberal arts, professional schools, hospitals, schools of agriculture, and agricultural experiment stations, including bureaus, offices, and research centers (excluding FFRDCs), whether located on or off the main campus, and branch campuses controlled directly by the parent institution. The universe of academic institutions that is the foundation of this survey is derived from the higher education institutions' portion of the Department of Education's Integrated Postsecondary Education Data System (IPEDS), sponsored by the National Center for Education Statistics, and the *1991 Higher Education Directory*, published by Higher Education Publications, Inc.

Institutions included are those that received Federal support during fiscal year 1991 and possessed a significant degree of academic and administrative autonomy. Institutions within a system (group of institutions having a collective legal status and generally recognized by a State government, a board of education, or other relevant organization) in which a significant degree of autonomy remains at the individual institution level are presented separately; obligations to branch campuses are included in the totals for their parent institutions. The study excludes all obligations to the service academies and to the U.S. Department of Agriculture Graduate School.

Independent nonprofit institutions are legal entities other than universities and colleges, privately organized or chartered to serve the public interest, and exempt from most forms of Federal taxation. Data presented for nonprofit institutions and for nonprofit-administered FFRDCs are obligations for R&D and R&D plant reported by the 15 participating agencies.

Coverage of the nonprofit section in the Federal Support Survey was expanded beginning in the late 1970s to include all types of nonprofit institutions that receive Federal R&D funds. For NSF purposes, the types of institutions are defined as follows:[1]

1. **Research institute**. A separately incorporated, independent nonprofit organization operating under the direction of its own controlling body, the primary function of which is the performance of R&D in the sciences and engineering.

2. **Voluntary hospital**. A member of the American Hospital Association not subject to the control of either Federal, State, or local governments, nor an integral part of any institution of higher education. Hospitals that have been set up by research institutes and that, while providing patient care, function primarily as laboratories for the research institutes are included in the "Research institute" category.

3. **All other independent nonprofit institutions**

   (a) **Professional or technical society, or academy of science and engineering**. This is a voluntary association of individuals sharing a common interest in the advancement of knowledge, either within a single field or across a broad spectrum of disciplines. The major function of these organizations is to aid and encourage the collection, collation, and dissemination of S&E knowledge for the benefit of their members and the community as a whole.

   (b) **Private foundation**. This is defined as a nongovernmental, nonprofit organization having a principal fund of its own, managed by its own trustees or directors, and established to maintain or to aid social, educational, charitable, religious, or other activities serving the common welfare. Private foundations include operating foundations that allocate the greater proportion of their R&D budgets to intramural performance and philanthropic foundations that allocate most of their funds to grants and contracts for research to be performed extramurally.

   (c) **Science exhibitor**. This is a nonprofit organization in which the primary goal is to expand scientific literacy within the community by providing exhibits that display and interpret the latest scientific findings within its field or fields. Included in this category are museums, zoological parks, botanical gardens, and arboretums.

   (d) **Trade association**. This is an organization of business competitors, in a specific industry or business, that is interested pri-

[1] National Science Foundation, *R&D Activities of Independent Nonprofit Institutions, 1973* (NSF 75-308) (Washington, DC: Superintendent of Documents, U.S. Government Printing Office, 1975).

marily in the commercial promotion of products or services. Membership is usually held in the name of a business entity. Activities may fall into one or more of the following areas: business ethics, management practices, standardization, commercial (i.e., statistical) research, publication, promotion, and public relations.

(e) **Agricultural cooperative**. This is defined as an organization of individuals or business entities that are normally competitors in the production and sale of agricultural products. Activities may include one or more of the following areas: collective marketing or purchasing, research, public relations, and the improvement of the economic condition of the farm population of the United States.

Category of Support

Academic science and engineering includes all obligations for R&D; R&D plant; facilities and equipment for S&E instruction; fellowships, traineeships, and training grants (FTTGs); general support for science and engineering; and other S&E activities. These activities are defined as follows:

1. **Research and development** includes all research activities, both basic and applied, and all development activities that are supported at universities and colleges. Demonstration projects conducted to discover whether a technology or method is workable are considered to be within the scope of R&D if their objective is to produce new information within a specific time period.

"Research" is defined as systematic study directed toward fuller scientific knowledge or understanding of the subject studied. Research can be classified as basic or applied, although data reported here are not separated into these categories. In basic research, the investigation is oriented toward gaining a better knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications toward processes or products in mind. In applied research, the investigation is aimed at gaining the knowledge or understanding necessary for determining the means by which a recognized and specific need may be met.

"Development" is the systematic use of knowledge and understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes.

Research and development excludes topographic mapping and surveys, collection of general-purpose statistics, and activities concerned primarily with the dissemination of scientific information. Also excluded are routine product testing, quality control, and R&D facilities and fixed equipment.

"Research equipment" is included as part of R&D. It includes any item (or interrelated collection of items constituting a system) of nonexpendable tangible property or software having a useful life of more than 2 years and an acquisition cost of $500 or more that is used wholly or in part for research. R&D in the arts and humanities is excluded from this category but is included in "non-science and engineering activities."

2. **R&D plant** includes all costs—direct, indirect, and related— of all projects whose main objective is to provide support for the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in scientific or engineering research and development. A facility is interpreted broadly to be any physical resource important to the conduct of R&D. Excluded are expendable research equipment and office furniture and equipment.

3. **Facilities and equipment** for S&E instruction include all programs whose main purpose is to provide support for the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in instruction in science and engineering.

4. **Fellowships, traineeships, and training grants** include graduate programs in support of the development and maintenance of S&E personnel resources. The total amounts pertaining to such awards (stipends and cost-of-education allowances) are reported on the basis of the institution chosen by the recipient. Excluded are programs that support research and education institutes, seminars, and conferences such as teacher-training activities provided through teacher institutes, short courses, research participation, and in-service seminars; activities aimed at the development of education techniques and materials for use in S&E training; and programs that provide special opportunities for increasing the scientific knowledge and experience of precollege and undergraduate students. These activities are included in "other science and engineering activities" (see category 6) or if not S&E-oriented, in "non-science and engineering activities" (see category 7).

5. **General support for science and engineering** includes programs that support nonspecific or generalized purposes related to scientific research and education. Such projects are generally oriented toward academic departments, institutes, or institutions as a whole, and embody varying types of support—ranging from support provided without any specification of purpose other than that the funds be used for scientific projects, to projects in which funds are provided for activities within a specified field of science and engineering without a specific purpose. The National Institutes of Health's Biomedical Sciences Support Grants and General Research Support Grants are examples of these types of programs.

6. **Other S&E activities** include all academic S&E activities that cannot be assigned to one of the preceding five categories, including obligations in support of technical conferences, teacher institutes, and activities aimed at increasing the scientific knowledge of precollege and undergraduate students.

7. **Non-S&E activities** include all other obligations excluded from the foregoing categories, but which represent direct funding (excluding loans) from a Federal agency to an academic institution for activities or purposes not specifically related to science and engineering. Included are all obligations for research, education, and facilities in the arts and humanities, as well as generalized projects for which the proportion utilized for S&E activities is unknown.

SECTION B. DETAILED STATISTICAL TABLES

To obtain accurate historical data, use only the latest detailed statistical tables (covering FY 1991) and not data published earlier. Data presented in trend tables are assembled from the most recent completed survey cycle. Data for prior years are reviewed for consistency with current-year responses and, when necessary, are revised in consultation with agencies and/or institutions. For that reason, references to prior-years' data should be restricted to those published in this document.

Table **Page**

FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES

Trends, Total Obligations

B-1 Federal obligations to universities and colleges, by type of activity: fiscal years 1963–91 21

Academic Science and Engineering Obligations

Trends

B-2 Federal academic science and engineering obligations to universities and colleges, by type of activity and agency: fiscal years 1963–91 22

Table		Page
B-3	Federal obligations to universities and colleges for research and development, by geographic division and State: fiscal years 1984-91	26
B-4	Federal obligations for research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1991: fiscal years 1984-91	28

Geographic Distribution, FY 1991

B-5	Federal academic science and engineering obligations to universities and colleges, by geographic division, State, and agency: fiscal year 1991	30
B-6	Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1991	32

100 Institutions Ranked in Order of Amount Received, FY 1991

B-7	Federal obligations for academic science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991	34
B-8	Federal obligations for research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991	37
B-9	Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991	40
B-10	Federal obligations for general support for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991	43

Table		Page
Institutional Listings, by State, FY 1991		
B-11	Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991	46
B-12	Federal obligations to universities and colleges for R&D plant, by State, institution, and agency: fiscal year 1991	61
Type of Institutional Control, by Highest Degree Granted and Agency, FY 1991		
B-13	Federal obligations to public universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991	65
B-14	Federal obligations to private universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991	74
Historically Black Colleges		
B-15	Federal obligations for research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1991: fiscal years 1984–91	80
B-16	Federal obligations for research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1991	82
System Offices of Universities and Colleges, FY 1991		
B-17	Federal obligations to systems of universities and colleges for research and development, ranked by total amount received, by agency: fiscal year 1991	84

Table	Page

Federal Obligations to Independent Nonprofit Institutions

B-18 Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991 85

B-19 Federal obligations for research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1991: fiscal years 1984–91 101

B-20 Federal obligations to research institutes for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991 103

B-21 Federal obligations to voluntary hospitals for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991 109

B-22 Federal obligations to other independent nonprofit institutions for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991 116

Table		Page
Trends, Total Obligations		
C-1	Federal obligations to universities and colleges, by type of activity and agency: fiscal years 1963–91	124
C-2	Federal obligations to universities and colleges, by geographic division and State: fiscal years 1984–91	129
C-3	Federal obligations to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1991: fiscal years 1984–91	131
Summary, FY 1991		
C-4	Federal obligations to universities and colleges, by agency and type of activity: fiscal year 1991	133
Geographic Distribution, FY 1991		
C-5	Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, and type of activity: fiscal year 1991	134
C-6	Federal obligations to universities and colleges, by geographic division, State, and agency: fiscal year 1991	138
100 Institutions Ranked in Order of Amount Received, FY 1991		
C-7	Federal obligations to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1991	140
C-8	Federal obligations to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991	142

Table		Page
Type of Institutional Control, FY 1991		
C-9	Federal obligations to universities and colleges, by highest degree granted in the sciences and engineering, type of institutional control, and agency: fiscal year 1991	145
C-10	Number of universities and colleges receiving Federal obligations, by highest degree granted in the sciences and engineering, type of institutional control, and type of activity: fiscal year 1991	146
C-11	Federal obligations to universities and colleges, by highest degree granted in the sciences and engineering, type of institutional control, and type of activity: fiscal year 1991	147
C-12	Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991	148
C-13	Percentage distribution of Federal obligations to public and private universities and colleges, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991	156
C-14	Federal obligations to the 100 public universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991	160
C-15	Federal obligations to the 100 private universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991	163
Institutional Listings by State, FY 1991		
C-16	Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991	166
C-17	Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991	206

Table		Page
Historically Black Colleges		
C-18	Federal obligations to historically black colleges and universities, ranked by total amount received in fiscal year 1991: fiscal years 1984–91	245
C-19	Federal obligations to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1991	247
C-20	Federal obligations to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1991	249
Systems of Universities and Colleges, FY 1991		
C-21	Federal obligations to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1991	252

Table B-1. Federal obligations to universities and colleges, by type of activity: fiscal years 1963-91

[Dollars in thousands]

Fiscal year	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development 1/	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities 1/	
1963	1,413,015	1,328,511	829,524	105,896	2/	2/	2/	393,091	84,504
1964	1,624,963	1,528,604	975,597	100,837	2/	2/	2/	452,170	96,359
1965	2,305,455	1,816,171	1,094,963	126,196	2/	2/	2/	595,012	489,284
1966	3,009,950	2,163,504	1,252,146	114,767	2/	365,560	2/	431,031	846,446
1967	3,317,709	2,323,795	1,301,242	111,309	2/	447,236	2/	464,008	993,914
1968	3,386,637	2,349,817	1,398,305	96,148	2/	440,895	2/	414,469	1,036,820
1969	3,462,370	2,361,399	1,474,681	54,516	2/	436,270	2/	395,932	1,100,971
1970	3,236,612	2,187,579	1,446,618	44,778	2/	429,406	2/	266,775	1,049,033
1971	3,498,596	2,343,129	1,551,391	29,942	28,729	421,029	99,669	212,369	1,155,467
1972	4,144,692	2,599,111	1,853,085	36,917	26,341	387,888	83,286	211,592	1,545,581
1973	3,839,102	2,464,362	1,870,690	43,338	13,372	287,210	38,964	210,788	1,374,740
1974	4,480,372	2,736,984	2,085,204	29,009	3,506	326,600	86,974	205,691	1,743,388
1975	4,547,191	2,805,783	2,246,088	44,787	5,026	201,273	46,353	262,256	1,741,408
1976	5,402,764	2,959,656	2,430,970	23,899	3,210	174,871	74,483	252,223	2,443,108
1977	6,489,735	3,351,337	2,803,017	36,471	3,282	184,671	75,928	247,968	3,138,398
1978	7,471,843	3,959,832	3,385,770	34,328	4,906	205,925	74,398	254,505	3,512,011
1979 3/	7,603,908	4,472,659	3,873,514	32,068	6,743	204,866	92,483	262,985	3,131,249
1980	8,298,804	4,790,972	4,160,543	37,780	3,776	210,121	91,541	287,211	3,507,832
1981 3/	8,640,925	5,062,856	4,410,931	27,694	4,563	205,448	92,721	321,499	3,578,069
1982 3/	8,776,978	5,179,610	4,554,475	31,200	829	176,582	80,137	336,387	3,597,368
1983 3/	9,344,618	5,680,631	5,024,330	37,547	2,522	189,616	94,847	331,769	3,663,987
1984	10,039,468	6,308,014	5,448,821	49,764	1,889	194,895	112,588	500,057	3,731,454
1985	10,971,593	7,257,862	6,246,181	113,932	4,947	253,082	119,171	520,549	3,713,731
1986	11,619,243	7,430,872	6,456,743	105,827	4,990	246,196	111,130	505,986	4,188,371
1987	13,433,783	8,567,284	7,241,001	229,875	13,722	290,942	236,933	554,811	4,866,499
1988	14,066,480	9,136,202	7,719,162	202,907	13,345	309,348	171,826	719,614	4,930,278
1989	15,503,629	10,074,620	8,522,555	237,010	16,911	340,458	197,745	759,941	5,429,009
1990 3/	15,197,512	10,443,077	9,005,771	124,841	19,241	393,820	143,917	755,487	4,754,435
1991	17,414,781	11,814,539	10,014,322	151,708	32,652	472,871	192,590	950,396	5,600,242

1/ See Technical Notes, "Scope of Survey."

2/ Not separately identified but included under "Other science and engineering activities"

3/ For fiscal years (FYs) 1979 and 1981 through 1983, total and non-science and engineering obligations were estimated on the basis of revised data from the Department of Education. The decrease between FYs 1989 and 1990 in total obligations is largely attributable to a decline in the Department of Education's student financial assistance obligations (under "Non-science and engineering activities"), which are funded on a multiyear basis and can fluctuate significantly from year to year.

NOTE: Note that some trend shifts are related to institutional reclassification. As of 1978, two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are thus included in the academic figures for 1978-91, but excluded for prior years. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology as of fiscal year 1974 to become an independent nonprofit institution; academic data shown for 1963-73 include Draper Laboratories, whereas those for 1974-91 do not.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

BEST COPY AVAILABLE

Table B-2. Federal academic science and engineering obligations to universities and colleges, by type of activity and agency: fiscal years 1963-91

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD 1/	OEO	Ed 1/	DOE 2/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
Total academic science & engineering:																	
1963	1,328.5	104.0	1.8	218.0	NA	NA	76.1	NA	581.0	NA	3.8	NA	NA	87.4	256.3	NA	NA
1964	1,528.6	115.0	1.7	258.1	NA	NA	79.9	NA	683.8	NA	5.1	NA	NA	107.6	277.5	NA	NA
1965	1,816.2	135.6	2.6	267.9	NA	NA	84.4	NA	856.5	NA	9.6	NA	NA	134.3	325.2	NA	NA
1966	2,163.5	141.0	2.8	278.0	NA	NA	96.9	NA	1,109.2	NA	19.1	NA	NA	142.2	374.5	NA	NA
1967	2,323.8	144.8	4.4	264.1	NA	NA	109.6	NA	1,251.0	NA	23.9	NA	NA	131.5	394.5	NA	NA
1968	2,349.8	144.2	8.0	243.1	12.5	NA	119.7	NA	1,229.4	1.7	28.2	NA	6.6	129.8	422.8	NA	3.7
1969	2,361.4	155.9	2.2	278.7	9.3	NA	121.0	NA	1,261.8	1.1	24.3	3.9	9.1	127.2	367.0	NA	NA
1970	2,187.6	182.1	3.9	265.5	18.9	NA	114.5	NA	1,036.7	.5	27.7	5.5	3.5	131.2	387.4	NA	10.1
1971	2,343.1	214.6	7.6	249.0	16.4	NA	105.8	27.2	1,142.3	.7	22.6	19.1	5.2	134.1	387.7	NA	10.8
1972	2,599.1	238.6	26.0	243.9	8.3	NA	95.3	23.3	1,318.4	1.5	24.3	18.7	7.3	119.0	456.7	NA	15.9
1973	2,464.4	256.8	28.4	232.9	8.7	NA	96.2	27.7	1,225.0	.9	23.7	10.7	6.3	111.4	419.6	NA	15.9
1974	2,737.0	260.7	29.4	184.4	4.1	NA	99.5	30.9	1,515.4	.6	23.8	19.9	7.1	98.9	449.6	NA	12.8
1975	2,805.8	290.7	25.8	190.5	NA	NA	124.3	38.8	1,467.3	2.3	28.8	12.4	5.5	108.0	490.5	**	20.8
1976	2,969.7	328.6	38.2	211.9	NA	NA	144.1	33.0	1,522.2	1.4	28.2	13.5	4.5	118.9	496.3	3.2	15.7
1977	3,351.3	343.2	32.5	267.3	NA	NA	206.1	46.3	1,686.5	4.3	29.5	24.4	7.2	121.0	585.8	4.5	10.9
1978	3,959.8	391.7	35.9	452.3	NA	NA	267.2	54.7	1,900.8	10.5	42.5	28.1	12.6	130.5	607.1	8.4	17.5
1979	4,472.7	422.5	47.3	528.7	NA	NA	273.9	66.7	2,216.0	4.0	40.1	28.5	11.1	143.9	671.6	6.9	11.4
1980	4,791.0	444.1	51.6	555.9	NA	48.0	309.6	81.5	2,261.1	4.3	42.4	38.6	10.3	171.2	726.4	7.0	19.1
1981	5,062.9	491.4	51.8	726.0	NA	56.1	310.4	67.5	2,363.6	3.0	34.2	31.3	12.9	183.5	696.1	7.4	28.5
1982	5,179.8	529.7	40.6	857.3	NA	35.6	288.2	63.8	2,332.8	2.6	28.3	50.4	8.4	176.9	728.1	5.0	12.0
1983	5,680.8	566.0	51.0	940.3	NA	34.9	320.0	50.3	2,602.2	1.5	32.0	43.4	6.4	203.8	798.8	4.7	25.4
1984	6,308.0	607.4	105.8	954.6	NA	43.6	348.4	51.9	2,934.1	.2	32.2	56.3	3.1	216.8	935.8	4.8	13.6
1985	7,257.9	652.8	81.2	1,061.1	NA	69.6	451.7	65.2	3,440.0	.2	33.1	57.0	3.4	251.0	1,078.7	5.4	7.8
1986	7,430.9	620.7	70.3	1,206.2	NA	74.0	420.5	70.8	3,536.0	.1	40.9	44.3	3.7	270.3	1,055.8	3.8	13.6
1987	8,567.3	674.7	88.8	1,278.5	NA	280.8	475.1	74.3	4,195.3	.1	39.4	53.3	8.3	309.8	1,069.5	3.9	15.3
1988	9,136.2	741.7	81.4	1,377.4	NA	255.6	536.2	66.2	4,486.2	.1	41.6	48.5	8.0	363.7	1,102.0	3.6	24.2
1989	10,074.6	721.7	74.0	1,486.4	NA	269.6	565.3	85.8	4,916.3	.0	56.2	65.3	6.5	461.9	1,336.2	4.3	25.1
1990	10,443.1	762.0	110.4	1,342.2	NA	260.1	556.1	93.6	5,198.4	.1	60.5	47.4	8.6	511.3	1,445.1	4.6	42.6
1991	11,814.5	867.4	121.9	1,539.2	NA	344.2	658.9	115.9	5,763.4	**	80.4	31.9	5.8	592.9	1,842.3	5.4	44.8
Research and development:																	
1963	829.5	40.6	1.5	218.0	NA	NA	68.3	NA	332.9	NA	3.8	NA	NA	59.8	104.6	NA	NA
1964	975.6	47.5	1.1	258.1	NA	NA	70.5	NA	399.2	NA	5.0	NA	NA	78.2	115.8	NA	NA
1965	1,095.0	59.1	2.1	267.9	NA	NA	74.8	NA	441.9	NA	9.5	NA	NA	100.6	139.2	NA	NA
1966	1,252.1	62.9	2.1	278.0	NA	NA	83.2	NA	507.3	NA	18.7	NA	NA	107.4	192.5	NA	NA
1967	1,301.2	64.0	3.4	264.1	NA	NA	89.7	NA	577.0	NA	23.9	NA	NA	109.0	170.2	NA	NA
1968	1,398.3	62.2	6.7	243.1	12.5	NA	101.8	NA	619.1	1.0	27.8	NA	6.6	126.1	167.7	NA	3.7
1969	1,474.7	63.6	1.7	278.7	9.3	NA	103.1	NA	667.1	1.0	23.5	3.9	9.1	122.3	191.5	NA	NA
1970	1,446.6	67.4	3.2	265.5	18.9	NA	101.4	NA	614.9	.5	27.1	5.5	3.5	127.4	201.2	NA	10.1
1971	1,551.4	74.8	6.9	249.0	16.4	NA	95.9	17.0	695.7	.7	21.3	17.1	3.3	128.5	216.9	NA	8.0
1972	1,853.1	88.8	23.6	243.9	8.3	NA	86.8	17.7	879.3	1.5	23.0	13.5	7.3	112.4	334.7	NA	12.4
1973	1,870.7	93.8	24.9	232.9	8.7	NA	85.2	18.6	903.8	.9	22.2	8.4	5.0	102.6	348.5	NA	15.2
1974	2,085.2	96.7	26.6	184.4	3.4	NA	94.6	24.1	1,129.0	.6	22.2	18.4	5.6	92.0	376.1	NA	11.5
1975	2,246.1	110.5	22.2	190.5	NA	NA	119.2	33.6	1,205.2	2.3	27.2	8.3	4.0	100.2	404.6	.0	18.1
1976	2,431.0	124.2	29.0	211.9	NA	NA	138.1	29.3	1,296.2	1.4	25.7	10.7	3.0	106.8	436.6	3.2	14.9
1977	2,803.0	142.2	32.2	267.3	NA	NA	187.2	45.0	1,452.1	4.3	27.4	20.2	7.2	113.7	491.0	3.8	9.6
1978	3,385.8	175.3	35.0	452.3	NA	NA	251.1	51.1	1,657.6	10.5	34.3	24.9	12.6	124.7	531.5	8.4	16.4
1979	3,873.5	193.8	45.9	528.7	NA	NA	256.4	60.9	1,966.5	4.0	35.3	28.0	11.1	137.2	587.8	6.5	11.4
1980	4,160.5	211.8	50.4	555.9	NA	48.0	279.6	76.9	2,025.6	4.3	38.8	38.6	10.3	161.3	633.9	6.1	19.1
1981	4,410.9	241.4	51.1	700.5	NA	56.1	281.8	64.2	2,112.8	3.0	30.2	31.3	12.9	173.9	616.8	7.0	27.8
1982	4,554.5	256.5	39.7	813.7	NA	35.6	265.2	78.1	2,110.6	.5	21.5	50.4	8.4	167.7	689.8	5.0	11.7
1983	5,024.3	273.9	50.1	913.4	NA	34.9	298.6	45.3	2,360.3	1.1	20.8	43.4	6.4	189.4	759.1	4.7	25.1
1984	5,448.8	273.0	75.6	827.8	NA	43.6	317.1	47.3	2,681.4	.2	32.2	56.3	3.1	203.8	869.6	4.8	13.2
1985	6,246.2	300.4	79.7	908.9	NA	69.6	373.1	61.9	3,098.6	.2	32.9	57.0	3.4	237.3	1,011.1	4.9	7.2
1986	6,456.7	290.1	68.3	1,055.0	NA	72.2	346.9	67.9	3,212.1	.1	40.9	44.3	3.7	254.0	983.9	3.8	13.3
1987	7,241.0	296.0	87.6	1,098.9	NA	85.2	371.6	67.1	3,835.3	.1	39.4	53.3	8.3	293.6	987.5	3.9	13.2
1988	7,719.2	321.3	75.8	1,194.2	NA	69.6	407.6	64.1	4,128.3	.1	39.1	48.5	8.0	339.5	998.3	3.6	21.3
1989	8,522.6	336.0	66.0	1,220.6	NA	68.6	448.7	77.5	4,512.0	.0	52.8	65.3	6.5	435.7	1,206.6	4.3	21.9
1990	9,005.8	349.1	97.3	NA	NA	71.1	496.8	87.1	4,774.5	.1	57.8	47.4	8.6	470.7	1,304.6	4.6	39.2
1991	10,014.3	408.8	61.9	NA	NA	92.1	605.1	104.3	5,301.1	**	67.8	31.9	5.8	533.7	1,438.6	5.4	34.8

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal academic science and engineering obligations to universities and colleges, by type of activity and agency: fiscal years 1963-91

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD 1/	OEO	Ed 1/	DOE 2/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
Research 3/:																	
1990	NA	NA	NA	720.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	840.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Development 3/:																	
1990	NA	NA	NA	476.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	482.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
R&D plant 1/:																	
1963	105.9	.0	.0	.0	NA	NA	2.6	NA	39.2	NA	.1	NA	NA	13.4	50.6	NA	NA
1964	100.8	.0	.0	.0	NA	NA	4.0	NA	39.9	NA	.0	NA	NA	9.1	47.8	NA	NA
1965	126.2	3.2	.0	.0	NA	NA	3.8	NA	54.8	NA	**	NA	NA	8.4	56.0	NA	NA
1966	114.8	2.0	.0	.0	NA	NA	7.4	NA	48.5	NA	.2	NA	NA	7.4	49.3	NA	NA
1967	111.3	2.0	.3	.0	NA	NA	13.8	NA	38.1	NA	.0	NA	NA	6.0	52.1	NA	NA
1968	96.1	1.9	.2	.0	.0	NA	11.9	NA	36.9	.0	.0	NA	.0	.0	45.3	NA	.0
1969	54.5	1.2	.0	.0	.0	NA	11.4	NA	20.5	.0	**	.0	.0	.0	21.4	NA	NA
1970	44.8	1.1	**	.0	.0	NA	7.1	NA	20.0	.0	.0	.0	.0	.0	16.5	NA	.0
1971	29.9	.0	.0	.0	.0	NA	4.8	.0	15.2	.0	.0	.0	.0	.2	9.7	NA	.0
1972	36.9	.0	.0	.0	.0	NA	4.1	.0	22.2	.0	.0	.0	.0	.6	10.0	NA	.0
1973	43.3	.0	.3	.0	.0	NA	5.6	.0	26.7	.0	.2	.0	.0	3.0	7.4	NA	.0
1974	29.0	.0	.0	.0	.0	NA	4.2	.0	14.5	.0	.0	.0	.0	.1	10.2	NA	.0
1975	44.8	.0	.0	.0	NA	NA	4.2	.0	22.9	.0	.0	.0	.0	.1	17.6	.0	.0
1976	23.9	.0	1.0	.0	NA	NA	5.6	.0	11.4	.0	.0	.0	.0	.1	5.9	.0	.0
1977	36.5	.0	.0	.0	NA	NA	17.5	.0	11.1	.0	.0	.0	.0	**	7.3	.0	.5
1978	34.3	.0	.0	.0	NA	NA	13.4	**	9.9	.0	.0	.0	.0	.0	11.0	.0	**
1979	32.1	.0	.0	.0	NA	NA	9.1	.0	7.5	.0	.0	.5	.0	.2	14.7	.0	.0
1980	37.8	.0	.0	.0	NA	.0	20.6	.0	4.4	.0	.0	.0	.0	.2	12.6	.0	.0
1981	27.7	.0	.0	1.1	NA	.0	19.6	.0	2.0	.0	.0	.0	.0	.1	4.9	.0	.0
1982	31.2	.0	.0	.5	NA	.0	18.8	1.4	5.4	.0	.0	.0	.0	.2	4.9	.0	.0
1983	37.5	9.6	.0	.0	NA	.0	17.2	.1	1.5	.0	.0	.0	.0	1.5	7.7	.0	.0
1984	49.8	9.6	.0	.0	NA	.0	29.5	.1	.7	.0	.0	.0	.0	.3	9.7	.0	.0
1985	113.9	9.6	.0	**	NA	.0	77.7	.1	11.4	.0	.0	.0	.0	.2	14.9	.0	.0
1986	105.8	9.1	1.2	.0	NA	1.8	73.0	.0	4.2	.0	.0	.0	.0	.4	16.0	.0	.0
1987	229.9	65.4	.1	.0	NA	49.2	102.9	.0	4.2	.0	.0	.0	.0	.6	7.4	.0	.0
1988	202.9	68.0	.0	.0	NA	1.3	127.7	.0	.0	.0	.0	.0	.0	.6	5.4	.0	.0
1989	237.0	31.1	1.2	57.9	NA	1.3	115.5	.0	22.0	.0	.0	.0	.0	1.2	6.7	.0	.0
1990	124.8	45.1	.1	.0	NA	.0	57.2	.0	13.7	.0	.0	.0	.0	1.3	7.5	.0	.0
1991	151.7	58.3	.3	14.7	NA	2.1	41.3	.0	25.5	.0	.0	.0	.0	.8	8.8	.0	.0
Facilities for instruction:																	
1971 4/ ..	28.7	.3	.0	.0	.0	NA	2.3	.0	13.9	.0	.1	.0	.0	.0	12.1	NA	.0
1972	26.3	.5	.0	.0	.0	NA	1.9	.0	20.9	.0	.0	.0	.0	.0	3.0	NA	.0
1973	13.4	.0	.0	.0	.0	NA	2.3	.0	9.4	.0	.1	.0	.0	.0	1.6	NA	.0
1974	3.5	.0	.0	.0	.0	NA	.0	.0	.4	.0	**	.0	.0	.0	3.1	NA	.0
1975	5.0	.0	.1	.0	NA	NA	.0	.0	4.9	.0	.0	.0	.0	.0	**	.0	.0
1976	3.2	.0	.3	.0	NA	NA	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0
1977	3.3	.0	.0	.0	NA	NA	.4	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0
1978	4.9	.0	.0	.0	NA	NA	1.3	.0	.0	.0	**	.0	.0	.0	3.5	.0	.0
1979	6.7	.0	.0	.0	NA	NA	3.5	.0	.0	.0	.0	.0	.0	.0	3.2	.0	.0
1980	3.8	.0	.0	.0	NA	.0	.9	.1	.0	.0	.0	.0	.0	.0	2.8	.0	.0
1981	4.6	.0	.0	.2	NA	.0	1.1	**	.0	.0	.0	.0	.0	.0	3.2	.0	.0
1982	.8	.0	.0	**	NA	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1983	2.5	.0	.0	**	NA	.0	2.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
1984	1.9	.0	1.6	.3	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1985	4.9	.0	.0	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1986	5.0	.0	.0	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	.1	.0
1987	13.7	.0	.0	.0	NA	5.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	.0
1988	13.3	.0	2.5	.0	NA	.0	.0	.0	.0	.0	.4	.0	.0	.0	10.4	.0	.0
1989	16.9	.0	1.6	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.3	.0	.0
1990	19.2	.0	4.5	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.7	.0	.0
1991	32.7	.0	4.7	**	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.8	.0	6.2

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal academic science and engineering obligations to universities and colleges, by type of activity and agency: fiscal years 1963-91

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD 1/	OEO	Ed 1/	DOE 2/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
Fellowships, traineeships, & training grants:																	
1966 4/ ..	385.6	NA	.0	NA	NA	NA	3.2	NA	289.9	NA	.0	NA	NA	25.0	47.5	NA	NA
1967	447.2	NA	.0	NA	NA	NA	3.7	NA	379.2	NA	.0	NA	NA	15.0	49.4	NA	NA
1968	440.9	NA	.0	NA	.0	NA	3.6	NA	387.0	NA	.0	NA	.0	.9	49.4	NA	.0
1969	436.3	NA	.0	NA	.0	NA	5.5	NA	375.7	NA	.0	NA	.0	1.3	53.8	NA	NA
1970	429.4	NA	.0	NA	.0	NA	5.0	NA	369.6	NA	.0	NA	.0	2.1	52.7	NA	.0
1971	421.0	.0	**	.0	.0	NA	2.6	10.1	361.4	.0	**	.0	.6	1.0	42.3	NA	2.8
1972	387.9	.0	.4	.0	.0	NA	2.0	5.6	346.6	.0	.0	.0	.0	1.1	28.8	NA	3.5
1973	287.2	.0	.6	.0	.0	NA	2.3	9.2	256.8	.0	.0	.0	.0	1.3	18.4	NA	.7
1974	328.6	.0	**	.0	.7	NA	.5	6.8	301.5	.0	.0	.0	.0	1.2	14.4	NA	1.3
1975	201.3	.0	**	.0	NA	NA	.7	5.0	181.7	.0	.0	.0	.0	1.3	9.7	.0	2.7
1976	174.9	.0	.0	.0	NA	NA	.1	3.6	155.6	.0	.0	.0	.0	1.3	13.4	**	.8
1977	184.7	.0	.0	.0	NA	NA	.2	1.3	165.9	.0	.0	.0	.0	1.4	14.8	.1	.8
1978	205.9	.0	.0	.0	NA	NA	.7	3.6	184.2	.0	3.2	.6	.0	1.3	11.7	**	.6
1979	204.9	.0	.0	.0	NA	NA	1.9	4.5	182.3	.0	.3	.0	.0	1.8	14.1	.0	.0
1980	210.1	.0	.0	.0	NA	.0	.0	4.5	187.6	.0	1.4	.0	.0	2.8	13.8	.0	.0
1981	205.4	.0	.0	.0	NA	.0	.0	2.4	183.5	.0	.9	.0	.0	3.7	14.8	.1	.0
1982	176.6	.0	.0	.0	NA	.0	.3	2.5	151.9	.0	.0	.0	.0	4.2	17.5	.0	.4
1983	189.6	.2	.2	.7	NA	.0	.2	2.6	164.0	.0	.0	.0	.0	5.2	16.2	.0	.3
1984	194.9	.2	.1	.0	NA	.0	.6	1.8	164.6	.0	.0	.0	.0	5.3	21.8	.0	.4
1985	253.1	7.0	.1	.8	NA	.0	.4	2.1	210.9	.0	.0	.0	.0	5.6	25.8	.0	.4
1986	246.2	4.7	.0	.5	NA	.0	.6	2.8	204.3	.0	.0	.0	.0	7.9	25.2	.0	.2
1987	290.9	4.7	.6	2.3	NA	11.8	.6	1.8	232.5	.0	.0	.0	.0	8.7	27.7	.0	.2
1988	309.3	4.6	2.8	1.5	NA	13.5	.7	2.0	239.3	.0	.0	.0	**	15.8	29.2	.0	.0
1989	340.5	4.6	1.2	.1	NA	22.9	.9	8.3	256.2	.0	.0	.0	**	13.0	33.0	.0	.2
1990	393.8	7.8	.7	.1	NA	28.5	1.6	3.5	288.9	.0	**	.0	.0	21.7	41.0	.0	.1
1991	472.9	10.9	3.9	1.2	NA	53.5	12.4	8.0	311.5	.0	.0	.0	.0	36.3	34.5	.0	.6
General support for science & engineering:																	
1971 4/ ..	99.7	.0	.2	.0	.0	NA	.0	.0	40.2	.0	1.1	.0	1.2	.0	56.9	NA	.0
1972	83.3	.0	1.5	.0	.0	NA	.0	.0	40.7	.0	1.2	5.2	.0	.0	34.7	NA	.0
1973	39.0	.0	.0	.0	.0	NA	.0	.0	20.2	.0	1.3	2.3	.9	.0	14.2	NA	.0
1974	87.0	.0	.5	.0	.0	NA	.0	.0	64.2	.0	1.6	1.5	1.4	.0	17.8	NA	.0
1975	48.4	.0	1.8	.0	NA	NA	.0	.0	37.3	.0	1.6	4.2	1.5	.0	.0	.0	.0
1976	74.5	.0	4.4	.0	NA	NA	.0	.0	41.8	.0	2.4	2.8	1.5	.0	21.6	.0	.0
1977	75.9	.0	.0	.0	NA	NA	2.5	.0	42.0	.0	1.8	4.1	.0	.0	24.8	.7	.0
1978	74.4	.0	.0	.0	NA	NA	.3	.0	45.0	.0	5.0	.0	.0	.0	23.8	.0	.3
1979	92.5	4.7	.0	.0	NA	NA	**	1.3	52.8	.0	4.4	.0	.0	.0	29.4	.0	.0
1980	91.5	.0	.0	.0	NA	.0	5.6	.0	60.1	.0	2.3	.0	.0	.0	23.2	.4	.0
1981	92.7	.0	.0	7.1	NA	.0	.0	.9	60.0	.0	3.1	.0	.0	.0	21.0	.0	.7
1982	80.1	.0	.0	4.8	NA	.0	**	1.7	61.3	2.0	6.8	.0	.0	.0	3.5	.0	.0
1983	94.8	.0	.0	3.2	NA	**	3.7	1.6	73.6	.4	11.2	.0	.0	.0	1.2	.0	.0
1984	112.6	.0	20.3	3.7	NA	.0	.6	2.7	83.9	.0	.0	.0	.0	.0	1.5	.0	.0
1985	119.2	.0	**	1.8	NA	.0	.4	1.1	112.5	.0	.3	.0	.0	.0	3.0	.0	.0
1986	111.1	.0	**	2.1	NA	.0	.0	.0	106.1	.0	.0	.0	.0	.0	2.8	.0	.0
1987	236.9	.0	.0	5.9	NA	108.1	.0	4.3	113.1	.0	.0	.0	.0	.0	5.5	.0	.0
1988	171.8	.0	.0	2.5	NA	54.8	.2	.0	109.0	.0	2.1	.0	.0	.0	3.4	.0	.0
1989	197.7	.0	.0	1.8	NA	80.2	.0	.0	109.5	.0	3.3	.0	.0	.0	2.9	.0	.0
1990	143.9	.0	1.0	.0	NA	30.1	.5	3.1	102.2	.0	2.7	.0	.0	.0	4.3	.0	.0
1991	192.6	.0	29.4	.0	NA	31.8	.2	3.5	108.7	.0	12.5	.0	.0	.0	6.4	.0	.0

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal academic science and engineering obligations to universities and colleges, by type of activity and agency: fiscal years 1963-91

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD 1/	OEO	Ed 1/	DOE 2/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
Other science & engineering activities:																	
1963	393.1	63.4	.3	.0	NA	NA	5.3	NA	208.9	NA	**	NA	NA	14.1	101.1	NA	NA
1964	452.2	67.5	.6	.0	NA	NA	5.4	NA	244.6	NA	**	NA	NA	20.2	113.9	NA	NA
1965	595.0	73.3	.8	.0	NA	NA	5.9	NA	359.8	NA	**	NA	NA	25.4	130.1	NA	NA
1966	431.0	76.1	.7	.0	NA	NA	3.1	NA	263.4	NA	.2	NA	NA	2.3	85.2	NA	NA
1967	464.0	76.8	.7	.0	NA	NA	2.5	NA	256.7	NA	**	NA	NA	2.4	122.8	NA	NA
1968	414.5	80.1	1.0	.0	.0	NA	2.5	NA	186.4	.7	.4	NA	.0	2.8	140.5	NA	**
1969	395.9	91.1	.5	**	.0	NA	1.0	NA	196.4	.1	.9	.0	.0	3.7	100.2	NA	NA
1970	266.8	113.5	.7	**	.0	NA	1.0	NA	32.2	.0	.6	.0	.0	1.7	117.0	NA	.0
1971	212.4	139.5	.5	.0	.0	NA	.3	.0	15.9	.0	.0	2.0	.1	4.2	49.9	NA	.0
1972	211.6	149.5	.6	.0	.0	NA	.5	.0	8.6	.0	.0	.0	.0	4.9	47.5	NA	.0
1973	210.8	163.0	2.7	.0	.0	NA	.8	.0	8.0	.0	.0	.0	.4	4.5	31.4	NA	.0
1974	205.7	164.0	2.2	.0	.0	NA	.2	.0	5.7	.0	.0	.0	.0	5.7	27.9	NA	.0
1975	262.3	180.2	1.7	.0	NA	NA	.1	.0	15.3	.0	.0	.0	**	6.4	58.6	**	.0
1976	252.2	204.4	3.6	.0	NA	NA	.3	.0	17.1	.0	.1	.0	.0	10.7	16.0	.0	.0
1977	248.0	201.0	.3	.0	NA	NA	.3	.0	15.4	.0	.3	.0	.0	5.9	24.9	.0	.0
1978	254.5	216.4	.9	.0	NA	NA	.3	.0	4.1	.0	.0	2.6	.0	4.4	25.6	.0	.2
1979	263.0	224.0	1.5	.0	NA	NA	3.0	.1	6.9	.0	.0	.0	.0	4.7	22.4	.4	.0
1980	287.2	232.3	1.2	.0	NA	.0	2.8	.0	3.4	.0	.0	.0	.0	6.9	40.2	.5	.0
1981	321.5	250.0	.7	17.1	NA	.0	7.9	**	5.3	.0	**	.0	.0	5.7	34.4	.4	**
1982	336.4	273.2	.8	38.2	NA	.0	3.1	.2	3.6	**	.0	.0	.0	4.8	12.4	.0	.0
1983	331.8	282.3	.6	22.9	NA	.0	**	.5	2.8	.1	**	.0	.0	7.8	14.8	.0	.0
1984	500.1	324.7	8.2	122.8	NA	.0	.7	**	3.5	.0	.0	.0	**	7.1	33.0	.0	.0
1985	520.5	335.7	1.4	149.5	NA	.0	.1	.0	6.5	.0	.0	.0	**	7.9	19.0	.3	**
1986	506.0	316.8	.8	148.5	NA	.0	**	.0	9.1	.0	.0	.0	.0	7.9	22.9	.0	**
1987	554.8	308.6	.6	171.4	NA	21.4	.0	1.1	10.3	.0	.0	.0	.0	6.9	32.7	.0	1.8
1988	719.6	347.9	.5	179.3	NA	116.4	.0	.0	9.6	.0	.0	.0	.0	7.8	55.3	.0	2.9
1989	759.9	349.9	3.8	206.1	NA	96.6	.1	.0	16.5	.0	.0	.0	.0	12.0	71.8	.0	3.1
1990	755.5	360.0	6.8	145.2	NA	130.4	.0	.0	19.2	.0	.0	.0	.0	17.5	73.0	.0	3.3
1991	950.4	389.4	21.8	200.2	NA	164.6	.0	.1	16.6	.0	.1	.0	.0	22.1	132.1	.0	3.5

1/ See Technical Notes, "Scope of Survey."

2/ Data shown for fiscal years 1963-74 and fiscal years 1975-77 represent obligations of the Atomic Energy Commission and the Energy Research and Development Administration, respectively.

3/ Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments.

4/ Data collected before this year are not separately identified but are included under "Other science & engineering activities."

NOTE: Note that some trend shifts are related to institutional reclassification. As of 1978, two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are thus included in the academic figures for 1978-91, but excluded for prior years. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology as of fiscal year 1974 to become an independent nonprofit institution; academic data shown for 1963-73 include Draper Laboratories, whereas those for 1974-91 do not.

KEY: NA = Not available
** = Amount less than $50,000

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-3. Federal obligations to universities and colleges for research and development, by geographic division and State: fiscal years 1984-91

[Dollars in thousands]

Geographic division and State	1984	1985	1986	1987	1988	1989	1990	1991
United States, total	5,448,821	6,246,181	6,456,743	7,241,001	7,719,162	8,522,555	9,005,771	10,014,322
New England, total	666,700	737,777	757,600	819,318	840,017	941,872	971,423	1,055,543
Connecticut	128,786	144,455	146,545	174,433	175,972	188,744	189,462	198,672
Maine	7,999	7,166	6,449	8,518	8,618	9,090	10,152	9,740
Massachusetts	453,875	498,981	508,166	536,955	545,068	629,070	635,908	698,515
New Hampshire	22,409	27,750	30,564	34,573	36,766	37,007	52,386	55,501
Rhode Island	35,219	42,131	43,646	40,731	47,349	49,525	51,828	55,243
Vermont	18,412	19,294	22,230	24,108	28,244	28,436	31,687	37,872
Middle Atlantic, total	941,878	1,108,296	1,131,083	1,268,422	1,352,552	1,449,106	1,527,674	1,718,740
New Jersey	71,331	83,023	86,000	97,785	104,853	120,932	139,264	150,589
New York	581,251	680,273	671,899	752,897	795,186	843,497	851,970	917,093
Pennsylvania	289,296	345,000	373,184	417,740	452,513	484,677	536,440	651,078
East North Central, total	746,929	862,398	873,105	980,913	1,017,478	1,138,247	1,195,813	1,342,249
Illinois	226,377	280,394	282,840	297,266	301,297	324,405	335,877	362,285
Indiana	87,369	101,734	100,144	111,184	111,779	131,315	137,754	155,882
Michigan	157,889	178,920	183,814	213,474	233,121	259,265	274,026	313,736
Ohio	148,999	171,831	179,050	199,011	210,593	238,131	250,885	291,113
Wisconsin	126,295	149,519	147,457	159,978	160,688	185,131	197,271	219,233
West North Central, total	309,033	359,097	360,139	410,069	428,857	472,065	519,933	598,895
Iowa	61,933	69,926	74,279	81,722	89,074	103,214	106,735	124,814
Kansas	25,845	31,198	33,239	35,863	37,228	39,105	44,005	50,894
Minnesota	85,132	104,471	102,293	121,588	123,621	133,439	141,711	173,099
Missouri	94,072	108,629	111,289	129,483	137,276	150,269	169,883	181,893
Nebraska	23,816	26,979	24,524	28,464	25,763	27,462	29,379	42,824
North Dakota	13,534	12,625	9,479	8,109	11,044	11,715	22,429	18,666
South Dakota	4,701	5,269	5,036	4,840	4,851	6,861	5,791	6,705
South Atlantic, total	867,236	1,005,957	1,067,279	1,218,784	1,387,350	1,480,512	1,578,357	1,755,967
Delaware	10,123	12,221	12,863	12,067	15,261	16,333	17,922	19,688
District of Columbia	46,096	56,320	49,955	61,057	72,668	71,761	78,658	91,879
Florida	91,555	113,479	121,231	148,757	185,626	196,397	180,487	217,377
Georgia	99,162	118,581	128,772	145,144	168,371	183,963	178,210	194,164
Maryland	346,321	375,086	415,943	460,057	522,341	514,747	588,465	622,221
North Carolina	155,208	184,060	194,999	228,096	246,688	287,838	305,690	340,513
South Carolina	24,424	33,188	32,726	33,516	35,595	38,927	42,668	54,996
Virginia	83,272	103,168	101,082	118,161	126,596	155,454	166,017	181,418
West Virginia	11,075	9,854	9,708	11,929	14,204	15,092	22,240	33,711
East South Central, total	165,738	205,350	219,146	270,537	290,579	312,589	337,519	393,855
Alabama	60,489	70,944	79,921	100,553	106,502	123,373	129,563	155,818
Kentucky	21,281	27,186	27,974	30,721	31,965	37,620	38,098	46,190
Mississippi	18,103	25,150	22,979	31,825	37,891	36,227	36,134	42,970
Tennessee	65,865	82,070	88,272	107,438	114,221	115,369	133,724	148,877
West South Central, total	356,507	420,655	434,494	485,424	517,088	590,849	593,853	677,292
Arkansas	11,935	15,323	14,527	15,487	15,599	19,643	23,537	25,785
Louisiana	40,096	51,373	47,715	59,619	61,456	100,418	68,774	101,680
Oklahoma	24,010	27,880	29,468	32,215	25,495	30,968	35,607	33,148
Texas	280,464	326,079	342,784	378,103	414,538	439,820	465,935	516,679
Mountain, total	328,684	345,949	366,578	392,342	412,334	480,246	533,676	578,020
Arizona	54,295	64,672	65,808	80,345	83,490	103,319	115,683	126,362
Colorado	97,761	104,640	108,473	129,826	145,900	147,301	168,905	182,920
Idaho	15,765	5,757	5,296	6,998	8,647	10,424	10,381	12,718
Montana	7,014	6,549	8,015	8,766	8,554	10,414	13,041	16,216
Nevada	7,299	10,189	10,895	14,955	13,856	16,188	23,022	18,611
New Mexico	65,427	60,630	79,466	55,058	56,163	74,134	70,006	80,720
Utah	65,774	76,557	81,627	86,950	86,648	108,117	122,907	129,587
Wyoming	15,349	16,955	6,998	9,444	9,076	10,349	9,731	10,886
Pacific, total	1,055,852	1,188,994	1,234,207	1,379,461	1,457,359	1,637,196	1,725,729	1,868,228
Alaska	10,611	12,214	14,645	15,373	15,928	15,111	25,060	25,448
California	793,609	906,141	953,989	1,057,440	1,109,851	1,258,906	1,316,729	1,398,358
Hawaii	24,691	33,656	29,196	39,410	39,651	47,913	48,231	47,291
Oregon	72,618	70,068	71,764	84,038	91,133	90,801	95,927	124,453
Washington	154,323	164,915	164,613	183,200	200,796	224,465	239,782	272,682

See explanatory information, if any, and SOURCE at end of table.

Table B-3. Federal obligations to universities and colleges for research and development, by geographic division and State: fiscal years 1984-91

[Dollars in thousands]

Geographic division and State	1984	1985	1986	1987	1988	1989	1990	1991
Outlying areas, total	10,264	11,708	13,112	15,731	15,548	19,873	21,794	25,533
Guam	1,038	1,138	1,165	1,107	1,096	1,193	1,320	1,325
Puerto Rico	8,337	9,045	10,268	12,678	12,354	16,561	18,000	21,650
American Samoa	200	115	290	340	365	290	592	657
Virgin Islands	599	931	916	1,026	1,091	1,052	1,053	1,048
Trust Territory Pac Isl	90	479	473	580	642	777	829	853

NOTE: See Technical Notes, "Scope of Survey" on DoD funding.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-4. Federal obligations for research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1991: fiscal years 1984-91

[Dollars in thousands]

Institution	1984	1985	1986	1987	1988	1989	1990	1991
Total, all institutions	5,448,821	6,246,181	6,456,743	7,241,001	7,719,162	8,522,555	9,005,771	10,014,322
1 Johns Hopkins Univ 1/	280,530	297,374	331,317	374,656	431,593	411,879	469,544	490,893
2 University of Washington	136,803	146,179	146,718	164,985	181,301	203,691	217,214	245,288
3 Stanford University	160,274	174,961	180,186	201,049	210,572	239,847	247,992	237,842
4 Mass Inst of Technology	178,706	189,558	188,120	188,430	187,558	207,157	218,283	232,619
5 Univ of Cal Los Angeles	110,057	128,211	125,483	148,575	154,964	170,839	176,735	194,217
6 University of Michigan	95,307	108,035	111,232	134,933	148,446	167,865	176,370	193,954
7 Univ of Cal San Diego	104,922	103,633	133,243	151,768	139,149	166,543	164,774	182,815
8 Univ of Wis-Madison	99,831	124,604	120,626	134,135	131,186	150,474	155,175	179,079
9 Univ of Cal San Francisco	85,449	98,536	104,453	124,811	147,553	159,027	167,270	178,698
10 Univ of Pennsylvania	94,154	103,119	103,584	109,531	120,029	132,805	142,509	169,352
Total 1st 10 institutions	1,346,033	1,474,210	1,544,962	1,732,873	1,852,351	2,010,127	2,135,866	2,304,757
11 University of Minnesota	83,905	103,272	100,898	119,746	119,831	128,727	137,458	168,962
12 Harvard University	98,972	109,414	110,356	123,301	125,242	141,760	148,055	161,719
13 Cornell University	105,338	119,966	112,707	128,750	134,493	139,954	144,749	156,151
14 Yale University	97,905	109,227	111,687	132,909	135,421	146,245	142,483	152,513
15 University of Pittsburgh	50,557	58,620	59,373	72,236	79,380	91,152	114,344	147,757
16 Pennsylvania State Univ	64,372	76,726	87,041	94,572	105,443	119,435	136,438	144,400
17 Univ of Cal Berkeley	85,852	106,710	96,834	96,748	106,844	131,070	121,674	136,020
18 Columbia Univ Main Div	110,089	127,331	127,131	130,724	139,108	150,263	153,171	134,329
19 Univ of Southern Cal	79,617	89,706	97,292	104,295	99,399	114,766	122,705	133,074
20 Duke University	62,074	69,169	70,034	84,622	92,763	108,611	116,109	128,098
Total 1st 20 institutions	2,184,714	2,444,351	2,518,315	2,820,776	2,990,275	3,282,110	3,473,052	3,767,780
21 University of Colorado	62,706	71,424	73,630	87,999	105,772	101,345	116,449	126,090
22 Washington University	61,341	71,978	72,750	89,055	95,368	102,974	117,907	125,282
23 Univ of NC at Chapel Hill	48,491	63,105	70,526	81,473	84,918	95,025	100,183	111,501
24 Univ of Ill Urbana	68,911	83,122	88,986	96,769	95,748	100,062	99,742	110,509
25 University of Rochester	60,157	70,379	71,521	85,674	94,885	98,550	102,453	103,510
26 University of Chicago	68,703	71,194	71,535	82,769	84,668	90,611	88,486	97,949
27 University of Arizona	43,380	49,740	51,123	64,351	65,258	82,913	92,824	95,206
28 Univ of Texas at Austin	62,316	72,379	74,028	76,495	84,400	84,619	91,843	95,063
29 Univ Alabama Birmingham	37,839	44,093	45,856	62,240	59,933	70,702	74,529	90,355
30 Case Western Reserve Univ	43,931	47,994	49,331	56,774	62,989	69,589	71,256	87,747
Total 1st 30 institutions	2,742,491	3,089,759	3,187,601	3,604,375	3,824,214	4,178,500	4,428,724	4,810,992
31 New York University	55,028	74,577	68,372	75,966	79,516	77,761	75,749	86,150
32 University of Iowa	48,378	55,117	52,226	63,479	72,309	76,059	76,762	85,113
33 Baylor Col of Medicine	39,340	45,837	47,022	56,255	63,117	69,499	72,260	82,849
34 Ohio State University	48,339	56,065	58,078	64,624	62,946	72,702	80,066	82,106
35 California Inst of Tech	48,589	55,083	59,707	57,122	65,962	69,335	69,228	80,585
36 Univ of Cal Davis	37,586	43,156	43,618	50,289	55,239	60,100	68,859	79,671
37 Univ of Mass	35,145	46,046	47,195	57,926	62,300	67,183	67,001	76,630
38 Vanderbilt University	35,338	39,909	43,990	54,653	58,389	63,978	70,585	76,437
39 Univ of MD College Park	38,260	51,073	53,906	48,728	54,580	60,252	64,723	72,115
40 Yeshiva University	53,077	56,988	58,518	65,028	67,096	68,553	67,045	72,115
Total 1st 40 institutions	3,181,571	3,613,610	3,720,233	4,198,445	4,465,688	4,863,922	5,141,002	5,604,763
41 University of Utah	45,427	50,938	55,290	56,590	56,686	61,361	65,250	70,877
42 Indiana University	35,123	39,118	41,879	50,005	52,664	55,449	61,435	69,205
43 University of Miami	27,880	33,709	37,618	49,547	58,241	60,135	63,707	68,511
44 LA State Univ System	26,356	35,527	31,510	36,501	38,882	39,088	40,886	68,379
45 Northwestern University	42,864	48,260	43,609	53,061	53,105	57,494	61,100	67,725
46 Boston University	39,306	46,152	48,518	53,381	53,930	60,029	59,380	67,153
47 University of Virginia	30,279	37,415	39,136	44,831	46,045	51,990	60,796	66,916
48 Purdue University	41,892	51,544	46,827	46,227	45,907	62,751	62,572	64,543
49 University of Florida	40,847	47,716	48,911	52,888	55,748	58,696	55,498	63,270
50 Michigan State University	41,205	46,945	48,740	48,797	50,891	54,382	56,619	62,793
Total 1st 50 institutions	3,552,750	4,050,934	4,162,271	4,690,273	4,977,787	5,425,297	5,728,245	6,274,135

See explanatory information, if any, and SOURCE at end of table.

Table B-4. Federal obligations for research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1991: fiscal years 1984-91

[Dollars in thousands]

Institution	1984	1985	1986	1987	1988	1989	1990	1991
51 Emory University	23,621	27,005	30,981	47,294	50,889	45,840	49,581	57,385
52 Georgia Institute of Tech	38,460	51,585	46,549	45,145	55,472	60,934	54,250	56,008
53 U Tex Sw Med Ctr - Dallas	32,949	37,432	40,330	45,994	46,645	48,591	50,504	55,878
54 Utah State University	17,416	22,067	21,812	25,170	26,696	43,219	52,740	53,430
55 Texas A & M University	31,072	38,891	35,891	38,083	43,216	44,928	47,221	52,367
56 University of Cincinnati	23,860	27,886	29,770	34,648	37,430	40,998	38,384	51,490
57 Oregon State University	37,499	33,801	37,097	40,059	40,988	42,562	44,473	51,297
58 Princeton University	28,783	34,720	42,674	44,286	45,365	47,037	50,474	51,233
59 Univ of Cal Irvine	26,798	31,515	33,607	39,384	40,947	47,303	53,429	50,950
60 Woods Hole Ocngrphic Inst	39,705	31,392	36,300	34,711	35,285	67,289	50,751	50,891
Total 1st 60 institutions	3,852,913	4,387,228	4,517,282	5,085,047	5,400,720	5,913,998	6,220,032	6,805,064
61 SUNY at Stony Brook	29,770	35,059	36,102	38,014	41,905	41,251	45,868	50,403
62 Univ of Tennessee All Cmp	24,805	34,763	27,496	34,673	36,199	35,653	44,759	50,204
63 Carnegie-Mellon Univ	27,650	48,872	59,854	69,454	74,577	57,605	50,025	50,167
64 CUNY Mount Sinai Schl Med	26,796	28,059	28,963	34,851	35,220	40,873	43,954	50,037
65 Univ of MD Balt Prof Sch	19,943	20,986	24,574	28,278	31,322	34,648	41,100	48,125
66 Univ of Ill Chicago	23,324	30,145	31,970	36,434	39,779	43,271	42,293	46,517
67 Virginia Commonwith Univ	21,684	28,896	26,598	31,477	32,413	42,684	42,678	46,324
68 Rutgers the St Univ of NJ	24,027	26,889	23,092	25,650	28,645	36,241	44,642	45,852
69 Florida State University	12,504	19,894	21,418	25,570	24,845	28,021	27,531	45,334
70 Univ of Cal Santa Barbara	16,738	23,730	28,880	27,322	31,878	37,444	41,661	44,255
Total 1st 70 institutions	4,082,154	4,684,521	4,826,229	5,436,770	5,777,503	6,311,687	6,644,543	7,282,282
71 N C State Univ at Raleigh	22,639	27,387	27,482	30,195	31,743	43,466	43,900	43,697
72 Colorado State University	25,002	24,767	27,303	31,492	32,164	36,120	40,820	43,671
73 Oregon Hlth Sciences Univ	9,947	12,073	14,064	17,884	20,670	23,231	25,344	43,481
74 New Mexico State Univ	26,660	24,861	39,297	25,072	33,214	44,210	45,177	42,903
75 University of Connecticut	28,060	32,805	32,604	38,806	38,167	39,761	43,589	42,860
76 Tufts University	27,995	34,495	37,242	36,241	35,341	38,566	39,142	41,571
77 Univ of Med & Dent of N J	14,349	16,746	15,223	22,239	25,647	32,369	38,066	41,465
78 University of Georgia	23,186	23,800	32,267	33,489	37,190	45,627	39,759	40,715
79 SUNY at Buffalo All Cmps	19,270	23,051	22,668	27,255	29,884	33,934	36,291	39,895
80 Rockefeller University	29,484	35,285	33,940	37,051	37,317	35,586	35,423	39,718
Total 1st 80 institutions	4,308,746	4,939,791	5,108,319	5,736,494	6,098,840	6,684,557	7,032,054	7,702,258
81 Univ of Hawaii-Manoa	23,925	32,812	27,758	29,154	33,044	36,693	40,049	38,814
82 Georgetown University	14,463	18,194	15,023	20,046	25,230	24,728	28,740	37,668
83 Univ of VT & St Agric Col	18,249	19,180	21,967	23,922	27,914	28,157	31,402	37,294
84 U Tex Hlth Sci Ctr S Anto	18,562	23,680	21,504	26,725	28,017	31,534	33,306	36,999
85 Lehigh University	6,956	7,324	9,617	8,986	6,909	10,524	10,825	36,265
86 Dartmouth College	13,383	16,380	19,306	21,489	24,095	24,065	31,409	36,042
87 Brown University	22,996	26,079	29,987	27,710	31,367	33,000	33,342	36,015
88 University of Kentucky	16,268	21,951	22,394	23,826	24,401	28,829	29,288	35,914
89 Wake Forest University	14,660	15,228	17,480	21,100	27,572	27,314	29,019	35,224
90 U TX MD Anderson Cncr Ctr	17,708	19,925	20,576	26,134	28,408	27,772	30,650	34,693
Total 1st 90 institutions	4,475,916	5,140,544	5,313,931	5,965,586	6,355,797	6,957,173	7,330,084	8,067,186
91 Iowa State University	13,384	14,555	21,207	17,379	15,955	25,987	28,915	34,028
92 U Tex Hlth Sci Ctr Houstn	16,206	21,607	22,588	28,148	27,547	28,591	29,943	33,381
93 Wayne State University	14,282	16,598	15,015	19,603	24,680	26,945	27,689	33,280
94 University of New Mexico	33,842	31,362	34,947	25,078	20,136	24,835	20,132	32,446
95 VA Polytech Inst & St U	21,214	24,590	23,363	23,588	27,265	34,585	32,239	32,033
96 West Virginia University	10,120	8,859	8,477	10,529	12,491	13,166	19,194	29,914
97 University of Kansas	15,869	20,123	20,183	22,988	23,179	23,380	27,212	28,341
98 Univ of Nebraska-Lincoln	9,605	11,493	11,029	15,126	15,135	15,402	15,947	28,232
99 Univ of Missouri Columbia	17,810	22,343	21,997	22,035	21,209	23,042	25,258	26,537
100 Thomas Jefferson Univ	5,953	6,039	11,115	15,076	17,529	19,583	22,195	26,068
Total 1st 100 institutions	4,634,201	5,318,113	5,503,852	6,165,136	6,560,923	7,192,689	7,578,808	8,371,448

1/ See Technical Notes, "Scope of Survey."

NOTE: Does not include R&D obligations to university-administered federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-5. Federal academic science and engineering obligations to universities and colleges, by geographic division, State, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
United States, total	11,814,539	867,424	121,910	1,539,231	344,157	658,905	115,925	5,763,400	80,390	592,923	1,642,261	88,013
New England, total	1,185,745	48,925	15,567	129,372	30,025	100,025	10,011	601,682	3,668	52,867	186,590	7,013
Connecticut	227,412	4,969	3,828	7,487	4,450	10,664	731	173,842	120	1,695	19,449	157
Maine	14,106	6,395	250	252	1,892	140	570	1,092	456	308	2,751	0
Massachusetts	770,402	21,413	5,186	108,916	17,783	84,148	6,674	344,597	1,868	39,102	134,940	5,775
New Hampshire	62,151	4,173	1,746	2,839	393	1,496	868	33,249	474	9,372	7,288	253
Rhode Island	66,939	4,879	4,557	9,547	2,148	2,947	586	19,380	592	2,273	19,296	734
Vermont	44,735	7,076	0	331	3,359	630	582	29,522	158	117	2,866	94
Middle Atlantic, total	1,941,792	62,731	10,261	254,905	41,757	85,310	14,656	1,103,711	5,826	46,636	311,747	4,252
New Jersey	174,224	11,551	1,945	20,884	3,966	7,811	4,177	78,728	413	5,819	38,216	714
New York	1,051,287	28,621	7,384	61,432	22,007	58,640	5,110	654,240	1,831	23,880	188,161	1,981
Pennsylvania	716,281	22,559	932	172,589	15,784	20,859	5,369	370,743	3,582	16,937	85,370	1,557
East North Central, total	1,556,590	115,357	9,176	115,827	48,381	95,344	16,605	766,739	3,433	75,802	293,612	16,314
Illinois	426,217	23,277	2,195	34,502	17,123	23,971	1,772	200,743	978	11,312	107,994	2,350
Indiana	184,144	21,736	126	8,195	6,469	20,779	1,172	73,989	670	4,506	44,948	1,554
Michigan	359,383	25,260	2,571	21,726	9,439	14,216	3,758	194,951	865	23,865	60,294	2,438
Ohio	332,042	22,272	1,383	37,949	6,198	16,071	8,538	168,738	564	23,016	38,522	8,791
Wisconsin	254,804	22,812	2,901	13,455	9,152	20,307	1,365	128,318	356	13,103	41,854	1,181
West North Central, total	757,961	133,821	3,916	22,065	36,351	37,875	6,105	396,072	4,645	21,886	77,998	15,429
Iowa	152,203	29,994	1,990	4,012	2,795	6,207	1,205	78,425	442	10,119	12,766	4,248
Kansas	77,876	16,211	50	1,186	8,708	7,050	2,187	30,601	351	2,551	7,260	1,721
Minnesota	203,423	19,816	1,218	11,341	18,025	5,533	1,799	111,350	1,034	3,680	29,409	218
Missouri	215,475	22,883	348	3,129	4,106	3,390	567	158,160	2,004	4,032	16,332	524
Nebraska	57,590	18,568	310	1,515	1,345	6,526	229	16,985	188	720	8,119	3,083
North Dakota	37,484	17,512	0	414	757	8,827	0	1,830	305	181	2,100	5,558
South Dakota	13,910	8,837	0	468	615	140	118	721	321	603	2,010	77
South Atlantic, total	2,206,710	148,596	27,917	586,260	66,436	92,866	29,060	931,937	10,251	91,524	200,965	20,878
Delaware	24,797	4,776	1,710	2,955	1,845	760	379	4,493	236	1,614	6,028	1
District of Columbia	109,596	2,300	421	15,012	16,477	1,367	870	51,919	145	7,195	12,890	1,000
Florida	254,881	21,167	6,390	28,157	10,533	15,891	2,823	106,536	1,727	11,357	48,519	1,781
Georgia	261,995	26,289	1,686	72,198	3,961	17,917	6,969	96,451	770	9,153	24,282	2,319
Maryland	806,276	12,510	4,877	427,127	6,180	13,090	2,939	272,800	281	29,333	36,359	780
North Carolina	408,726	34,292	4,537	18,838	17,567	7,464	10,160	263,886	845	7,586	37,798	5,753
South Carolina	77,243	16,443	4,406	4,103	1,988	8,913	1,185	29,002	864	1,452	8,789	98
Virginia	216,955	21,248	3,890	17,479	7,826	9,403	1,158	100,495	2,976	19,810	24,223	8,647
West Virginia	46,241	9,571	0	391	259	18,061	2,577	6,355	2,407	4,024	2,097	499
East South Central, total	497,326	94,672	1,724	25,656	15,932	40,493	2,505	236,317	4,389	36,638	37,574	1,426
Alabama	187,193	25,046	72	13,598	4,504	13,942	792	89,330	1,112	28,249	10,320	228
Kentucky	62,736	22,331	97	516	611	4,378	317	26,176	498	841	6,721	250
Mississippi	62,751	24,958	1,555	2,809	3,472	8,950	575	9,948	1,644	1,571	7,058	211
Tennessee	184,646	22,337	0	8,733	7,345	13,223	821	110,863	1,135	5,977	13,475	737
West South Central, total	835,204	106,720	9,580	75,855	27,321	54,882	13,416	403,120	14,423	42,769	80,429	6,689
Arkansas	45,598	22,642	0	1,292	4,228	702	94	11,382	578	349	3,530	801
Louisiana	120,399	18,676	1,791	2,922	2,137	25,700	2,455	55,067	1,870	1,832	7,920	29
Oklahoma	57,854	16,563	898	4,359	5,827	2,391	1,379	13,423	651	5,263	8,898	202
Texas	611,353	48,839	6,891	67,282	15,129	26,089	9,488	323,248	11,324	35,325	62,081	5,657
Mountain, total	692,951	57,316	16,423	117,138	26,026	31,686	11,432	239,239	13,460	66,137	111,241	2,851
Arizona	142,885	8,287	329	11,909	5,565	4,971	960	58,994	2,351	18,322	30,034	1,163
Colorado	208,932	10,784	14,244	13,386	4,453	6,857	2,663	96,227	3,340	19,676	36,407	895
Idaho	25,604	9,425	0	6,182	1,450	993	136	868	1,200	1,704	3,380	266
Montana	23,684	8,748	0	179	2,304	256	1,001	3,224	542	662	6,668	100
Nevada	21,823	3,216	862	127	480	1,466	5,069	4,401	2,014	594	3,514	78
New Mexico	100,852	6,354	837	28,779	3,911	9,993	710	17,366	537	22,867	9,488	10
Utah	154,903	5,929	151	55,857	7,609	6,461	628	56,760	2,394	2,126	17,088	100
Wyoming	14,268	4,573	0	919	254	689	265	1,399	1,082	186	4,662	239
Pacific, total	2,093,187	80,541	26,733	211,760	48,628	120,522	11,959	1,066,105	19,977	158,155	335,746	13,061
Alaska	29,281	2,765	1,715	1,659	153	962	475	1,130	3,731	6,724	9,967	0
California	1,540,219	31,286	6,737	161,737	27,528	90,001	6,340	818,217	8,199	133,259	248,152	8,763
Hawaii	63,538	12,889	6,296	6,335	999	2,400	3	11,549	641	7,131	13,107	2,188
Oregon	148,524	15,518	5,832	8,302	11,847	17,451	3,225	53,054	4,960	3,089	24,220	1,026
Washington	311,625	18,083	6,153	33,727	8,101	9,708	1,916	182,155	2,446	7,952	40,300	1,084

See explanatory information, if any, and SOURCE at end of table.

Table B-5. Federal academic science and engineering obligations to universities and colleges, by geographic division, State, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Outlying areas, total	47,073	18,745	613	393	3,300	100	176	16,478	318	509	6,341	100
Guam	3,282	1,928	56	0	624	0	0	368	105	0	181	0
Puerto Rico	38,504	11,941	557	393	2,615	100	176	15,887	105	509	6,121	100
American Samoa	1,291	1,191	0	0	61	0	0	0	0	0	39	0
Virgin Islands	2,083	1,752	0	0	0	0	0	223	108	0	0	0
Trust Territory Pac Isl	1,933	1,933	0	0	0	0	0	0	0	0	0	0

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-6. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division and State [1]	Total	USDA	Com	DOD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
United States, total	472,871	10,929	3,858	1,240	53,484	12,427	8,039	311,459	0	36,338	34,535	562
New England, total	56,570	0	629	41	3,628	40	62	42,439	0	2,487	7,244	0
Connecticut	14,044	0	62	0	855	40	6	12,014	0	264	803	0
Maine	110	0	0	0	110	0	0	0	0	0	0	0
Massachusetts	37,269	0	213	41	2,187	0	55	27,214	0	1,444	6,115	0
New Hampshire	2,103	0	108	0	74	0	1	1,379	0	519	22	0
Rhode Island	1,981	0	246	0	336	0	0	835	0	260	304	0
Vermont	1,063	0	0	0	66	0	0	997	0	0	0	0
Middle Atlantic, total	72,931	259	173	374	9,338	200	1,555	53,983	0	2,708	3,779	562
New Jersey	8,063	0	0	5	1,455	120	774	3,540	0	409	1,394	366
New York	39,787	216	173	207	4,782	80	156	32,335	0	1,357	481	0
Pennsylvania	25,081	43	0	162	3,101	0	625	18,108	0	942	1,904	196
East North Central, total	65,589	1,231	385	77	11,731	320	864	41,844	0	3,931	5,206	0
Illinois	21,363	298	64	85	3,793	80	68	13,760	0	821	2,394	0
Indiana	6,248	337	0	0	2,220	40	60	3,106	0	374	111	0
Michigan	16,754	378	114	8	2,737	80	617	11,577	0	663	580	0
Ohio	10,882	108	56	0	1,365	80	119	6,318	0	1,813	1,023	0
Wisconsin	10,342	110	151	-16	1,616	40	0	7,083	0	260	1,098	0
West North Central, total	31,538	1,586	82	0	3,703	80	453	22,934	0	1,766	934	0
Iowa	6,213	287	16	0	898	0	198	4,169	0	487	158	0
Kansas	2,316	242	0	0	685	0	0	1,001	0	302	86	0
Minnesota	7,312	162	66	0	247	40	239	5,833	0	326	399	0
Missouri	13,991	270	0	0	1,534	0	11	11,602	0	326	248	0
Nebraska	673	140	0	0	154	0	5	306	0	25	43	0
North Dakota	809	485	0	0	172	0	0	2	0	150	0	0
South Dakota	224	0	0	0	13	40	0	21	0	150	0	0
South Atlantic, total	76,138	2,369	870	441	7,410	1,818	3,521	47,164	0	10,039	2,506	0
Delaware	1,016	296	100	0	66	0	8	177	0	194	175	0
District of Columbia	3,413	108	33	163	1,334	0	145	1,230	0	334	66	0
Florida	8,484	357	137	78	645	40	166	4,787	0	2,126	148	0
Georgia	10,035	234	70	0	990	965	71	3,475	0	3,398	832	0
Maryland	17,939	153	156	0	479	235	55	15,096	0	1,109	656	0
North Carolina	20,546	691	145	27	2,487	40	1,533	14,869	0	399	355	0
South Carolina	2,180	108	80	0	362	290	119	915	0	238	68	0
Virginia	10,264	422	149	173	967	0	88	6,386	0	1,893	206	0
West Virginia	2,241	0	0	0	80	248	1,336	229	0	348	0	0
East South Central, total	21,952	2,813	84	0	2,278	1,140	427	12,353	0	2,406	451	0
Alabama	8,824	1,086	0	0	1,358	290	255	4,203	0	1,503	129	0
Kentucky	1,283	304	0	0	212	250	0	424	0	25	68	0
Mississippi	3,137	1,046	84	0	295	250	51	946	0	399	66	0
Tennessee	8,708	377	0	0	413	350	121	6,780	0	479	188	0
West South Central, total	23,477	1,482	217	19	2,790	881	640	13,151	0	3,363	934	0
Arkansas	879	223	0	0	9	250	4	221	0	150	22	0
Louisiana	2,510	311	62	0	295	76	115	1,136	0	471	44	0
Oklahoma	2,049	287	4	0	822	250	150	462	0	55	19	0
Texas	18,039	661	151	19	1,664	305	371	11,332	0	2,687	849	0
Mountain, total	25,977	489	51	27	2,962	7,055	229	9,989	0	4,329	846	0
Arizona	5,240	216	8	20	1,340	0	8	1,968	0	1,484	196	0
Colorado	7,888	216	40	0	906	0	159	5,430	0	1,050	87	0
Idaho	158	0	0	4	0	2	2	0	0	150	0	0
Montana	478	0	0	0	74	0	0	164	0	194	46	0
Nevada	424	0	0	0	0	0	45	188	0	171	22	0
New Mexico	8,818	0	0	0	251	6,763	0	664	0	930	210	0
Utah	2,507	57	3	3	288	40	15	1,577	0	325	199	0
Wyoming	464	0	0	0	103	250	0	0	0	25	86	0
Pacific, total	97,233	700	1,333	261	9,400	893	276	66,589	0	5,146	12,635	0
Alaska	270	0	16	0	16	0	0	0	0	216	22	0
California	75,983	522	614	261	7,077	661	100	51,064	0	3,310	12,374	0
Hawaii	1,178	0	161	0	19	0	3	548	0	382	65	0
Oregon	4,274	108	309	0	820	0	5	2,623	0	319	90	0
Washington	15,528	70	233	0	1,468	232	168	12,354	0	919	84	0

See explanatory information, if any, and SOURCE at end of table.

Table B-6. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DOD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Outlying areas, total	1,466	0	34	0	244	0	12	1,013	0	163	0	0
Puerto Rico	1,466	0	34	0	244	0	12	1,013	0	163	0	0

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

NOTE: The appearance of negative numbers is a result of deobligations; see "Definitions" in Technical Notes.

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-7. Federal obligations for academic science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total, all institutions	11,814,539	867,424	121,910	1,539,231	344,157	658,905	115,925	5,763,400	80,390	592,923	1,642,261	88,013
1 Johns Hopkins University	649,007	365	341	407,864	2,844	4,825	864	214,392	97	6,027	11,250	138
2 University of Washington	272,312	3,109	6,153	31,984	4,958	7,438	1,330	173,002	2,246	7,724	33,287	1,081
3 Stanford University	259,929	140	30	29,076	2,455	21,507	2,259	116,494	80	55,003	32,885	0
4 Mass Inst of Technology	256,463	450	2,702	55,080	876	57,853	618	63,170	404	25,514	45,978	3,818
5 University of Michigan	218,199	574	2,513	15,798	3,982	9,314	2,868	139,685	119	12,336	29,654	1,356
6 Univ of Cal Los Angeles	208,252	343	0	15,783	3,832	17,991	695	140,787	0	7,813	20,727	281
7 Univ of Wis-Madison	205,012	22,127	348	12,121	343	19,809	518	101,908	260	12,087	35,296	195
8 Cornell University	200,805	26,259	403	17,091	2,635	4,921	752	74,519	192	6,036	67,895	102
9 University of Minnesota	196,571	19,726	1,147	11,341	16,293	5,493	1,797	110,195	1,034	3,568	25,759	218
10 Univ of Cal San Diego	194,596	135	454	21,932	661	5,343	163	113,968	0	16,123	35,817	0
Total 1st 10 institutions	2,661,146	73,228	14,089	618,070	38,879	154,494	11,864	1,248,120	4,432	152,231	338,550	7,189
11 Univ of Cal San Francisco	191,275	0	0	1,212	0	3,580	161	182,453	0	919	2,950	0
12 Univ of Pennsylvania	186,678	383	285	20,944	2,992	6,792	0	135,790	0	167	19,325	0
13 Harvard University	181,436	344	0	5,610	1,118	5,637	1,536	137,881	95	7,619	20,392	1,206
14 Yale University	171,710	233	24	5,576	718	9,775	178	141,273	15	1,401	12,517	0
15 Pennsylvania State Univ	166,943	21,398	239	64,538	2,437	5,542	1,326	36,858	3,263	10,761	19,345	1,236
16 University of Pittsburgh	156,811	40	23	29,360	4,425	2,384	2,124	108,945	0	1,668	7,741	101
17 Univ of Cal Berkeley	151,707	10,290	120	11,223	9,290	4,408	839	51,851	1,957	19,827	40,732	1,170
18 Columbia Univ Main Div	146,697	0	1,102	8,158	1,758	7,661	660	119,444	1,235	6,405	0	274
19 Duke University	141,811	464	251	4,961	1,000	4,221	1,948	114,008	164	623	14,171	0
20 University of Colorado	141,444	16	11,869	5,458	1,757	4,491	1,330	75,095	1,276	16,639	23,109	404
Total 1st 20 institutions	4,297,660	106,396	28,002	775,110	64,374	208,985	21,966	2,351,718	12,437	218,260	498,832	11,580
21 Univ of Southern Cal	140,088	0	955	43,496	2,670	1,027	39	71,965	2,363	3,285	14,238	50
22 Washington University	138,696	0	51	1,656	1,209	1,548	121	123,457	0	3,429	7,225	0
23 Univ of Ill Urbana	136,044	21,442	0	20,362	214	13,006	1,055	21,105	93	3,186	55,391	190
24 Univ of NC at Chapel Hill	128,743	362	100	4,446	9,061	1,017	4,821	99,812	0	366	8,758	0
25 University of Rochester	122,363	140	0	7,214	537	26,670	0	77,515	0	1,504	8,783	0
26 University of Chicago	114,390	227	160	3,118	2,380	4,272	0	76,471	0	6,061	21,701	0
27 University of Arizona	108,050	7,762	304	8,320	2,863	1,951	774	52,841	1,047	15,394	15,756	1,038
28 Univ of Texas at Austin	106,147	276	0	48,529	1,461	13,807	706	14,790	158	7,283	16,078	3,059
29 Ohio State University	99,596	21,215	1,285	4,478	2	4,108	1,266	36,977	564	5,612	17,453	6,636
30 Univ Alabama Birmingham	95,038	310	0	1,825	1,221	9,942	50	74,353	0	5,369	1,968	0
Total 1st 30 institutions	5,486,815	158,130	30,857	918,554	85,992	286,333	30,798	3,001,004	16,662	269,749	666,183	22,553
31 Case Western Reserve Univ	93,937	380	0	2,607	583	10,232	117	67,317	0	7,629	5,072	0
32 University of Iowa	92,124	499	279	3,029	1,402	717	427	71,479	18	8,680	5,594	0
33 New York University	92,019	0	0	6,360	1,335	3,522	927	73,942	0	301	5,632	0
34 California Inst of Tech	90,105	0	91	14,170	0	10,463	292	18,394	1,970	11,745	32,980	0
35 Univ of MD College Park	87,724	9,181	4,536	14,595	2,222	7,853	1,353	6,441	169	22,324	18,612	438
36 Baylor Col of Medicine	87,593	8,617	103	660	1,478	951	192	73,954	0	718	922	0
37 Vanderbilt University	86,704	65	0	5,243	3,106	1,057	75	71,839	0	2,937	2,289	93
38 University of Utah	85,856	40	151	12,445	1,051	4,800	163	52,406	1,795	722	12,283	0
39 Univ of Cal Davis	84,989	5,827	20	1,497	1,145	12,298	636	46,380	336	1,968	10,784	4,078
40 Univ of Mass	84,804	7,423	0	9,637	7,233	2,483	146	42,045	30	2,242	13,564	1
Total 1st 40 institutions	6,372,670	190,162	36,037	988,797	105,545	340,709	35,126	3,525,201	20,980	329,035	773,915	27,163
41 Georgia Institute of Tech	84,402	241	549	60,642	0	1,507	2,952	3,950	279	5,188	8,996	98
42 Purdue University	80,046	20,199	70	5,784	1,499	7,771	390	20,781	536	3,278	18,418	1,320
43 University of Florida	79,467	17,753	1,946	7,418	1,307	2,999	732	35,300	745	2,796	7,571	900
44 LA State Univ System	78,928	14,626	1,791	2,028	730	24,663	1,796	27,017	398	1,007	4,872	0
45 Michigan State University	78,877	24,328	54	2,463	2,934	4,045	187	20,174	262	801	22,647	982
46 Texas A & M University	78,795	32,408	2,513	5,555	700	4,682	958	11,501	359	5,054	14,968	97
47 Indiana University	78,229	1,503	0	1,082	3,774	3,625	245	48,250	130	735	18,651	234
48 Yeshiva University	77,415	0	0	235	378	0	0	76,519	0	0	283	0
49 University of Virginia	76,251	100	2,321	6,906	2,808	2,648	319	45,568	442	4,728	9,791	620
50 University of Miami	74,377	0	3,251	6,021	1,451	224	353	52,327	0	2,201	8,549	0
Total 1st 50 institutions	7,159,457	301,320	48,532	1,086,931	121,126	392,873	43,058	3,866,588	24,131	354,823	888,661	31,414

See explanatory information, if any, and SOURCE at end of table.

Table B-7. Federal obligations for academic science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
51 Northwestern University	74,318	340	113	7,154	2,208	3,847	0	43,616	50	1,671	15,321	0
52 Boston University	73,893	0	100	5,812	3,504	2,785	106	51,227	0	1,475	8,835	49
53 Univ of Tennessee All Cmp	66,496	16,392	0	2,313	2,515	11,748	358	24,693	189	2,016	6,272	0
54 N C State Univ at Raleigh	63,510	24,544	2,034	6,408	1,950	1,876	2,805	6,128	681	3,672	9,377	4,035
55 Utah State University	63,010	5,883	0	42,859	5,800	1,099	253	3,386	546	1,261	1,823	100
56 Emory University	61,596	270	0	768	595	424	0	56,624	0	270	2,645	0
57 Oregon State University	61,164	15,031	5,632	5,779	350	1,499	2,734	8,289	3,999	2,769	14,299	-783
58 U Tex Sw Med Ctr - Dallas	59,837	0	0	125	0	139	0	57,876	0	1,316	381	0
59 Rutgers the St Univ of NJ	59,594	11,266	1,875	3,491	1,833	863	1,258	21,818	105	1,137	15,343	605
60 Princeton University	58,149	0	10	8,824	911	6,344	622	16,717	308	4,062	20,351	0
Total 1st 60 institutions	7,801,024	375,046	58,296	1,170,464	140,790	423,497	51,194	4,156,962	30,009	374,472	983,308	36,986
61 University of Cincinnati	57,676	206	0	2,785	794	401	5,800	43,179	0	1,695	2,816	0
62 New Mexico State Univ	56,752	6,349	412	14,777	474	7,033	160	2,996	276	21,329	2,946	0
63 University of Georgia	56,465	22,086	1,121	1,398	1,207	9,579	1,307	10,934	387	456	5,769	2,221
64 Carnegie-Mellon Univ	55,474	0	99	18,409	366	3,484	389	8,225	259	3,194	20,835	214
65 Univ of Cal Irvine	54,994	210	0	6,977	1,022	4,091	121	34,024	0	1,520	7,029	0
66 SUNY at Stony Brook	54,173	0	0	433	136	4,155	95	31,909	0	1,780	15,685	0
67 Woods Hole Ocngrphic Inst	54,118	0	2,051	22,477	0	1,266	0	347	1,000	787	26,190	0
68 Iowa State University	52,611	29,390	1,711	983	552	1,513	580	6,633	424	1,439	5,138	4,248
69 Colorado State University	51,700	10,576	2,375	4,483	1,113	1,459	976	18,115	1,433	1,828	9,052	290
70 CUNY Mount Sinai Schl Med	51,345	0	0	0	641	176	0	49,664	0	355	509	0
Total 1st 70 institutions	8,346,332	443,863	66,065	1,243,186	147,095	456,654	60,622	4,362,968	33,788	408,835	1,079,277	43,959
71 University of Connecticut	51,205	4,756	3,804	1,862	2,806	798	523	31,472	105	294	4,628	157
72 Univ of MD Balt Prof Sch	51,061	35	0	728	205	235	343	48,664	0	100	751	0
73 Univ of Ill Chicago	50,547	87	0	1,628	2,136	780	307	37,157	0	277	6,015	2,160
74 Univ of Hawaii-Manoa	50,302	12,794	0	1,778	0	2,395	3	10,956	0	7,131	13,107	2,138
75 University of Kentucky	49,383	17,558	48	411	366	4,213	245	20,083	498	334	5,377	250
76 Virginia Commonwith Univ	49,198	0	0	316	1,083	216	112	46,471	0	452	548	0
77 Univ of Cal Santa Barbara	48,213	313	335	12,618	955	3,691	457	5,322	209	3,932	19,908	473
78 Florida State University	47,245	0	410	1,286	1,705	12,377	603	4,118	0	1,871	24,492	383
79 SUNY at Buffalo All Cmps	46,109	734	0	6,335	0	658	1,171	26,425	18	609	10,159	0
80 Oregon Hlth Sciences Univ	45,507	0	0	623	127	12,428	0	31,868	0	0	461	0
Total 1st 80 institutions	8,835,102	480,140	70,662	1,270,771	156,478	494,445	64,386	4,625,524	34,818	423,835	1,164,723	49,520
81 VA Polytech Inst & St U	45,445	16,589	85	4,592	493	5,543	551	2,799	2,362	4,864	6,847	720
82 Tufts University	43,783	11,838	0	289	288	897	3,543	24,536	6	50	2,336	0
83 Univ of VT & St Agric Col	42,708	7,063	0	271	2,411	630	295	29,522	158	25	2,333	0
84 Univ of Med & Dent of N J	42,685	250	0	480	200	319	547	39,769	0	314	806	0
85 Rockefeller University	42,660	0	0	249	0	1,224	0	39,723	0	0	1,464	0
86 University of Kansas	42,330	0	50	838	7,244	680	21	28,362	246	1,168	3,619	102
87 Univ of Nebraska-Lincoln	41,541	18,322	310	1,422	892	6,263	229	3,021	104	695	7,302	2,981
88 Georgetown University	40,996	552	65	8,743	2,230	350	359	26,230	0	0	1,467	1,000
89 West Virginia University	40,482	9,526	0	391	195	17,165	2,574	5,389	2,150	509	2,084	499
90 Univ of Missouri Columbia	40,219	18,296	0	319	0	1,333	446	14,979	26	74	4,697	49

See explanatory information, if any, and SOURCE at end of table.

Table B-7. Federal obligations for academic science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total 1st 90 institutions	9,257,951	562,576	71,172	1,288,365	170,431	528,849	72,951	4,639,854	39,670	431,534	1,197,678	54,871
91 Brown University	39,803	190	130	7,069	1,102	2,832	0	15,559	169	1,366	11,386	0
92 Wake Forest University	39,585	2,767	239	192	108	43	0	35,597	0	262	377	0
93 U Tex Hlth Sci Ctr S Anto	39,114	322	0	742	105	0	0	37,462	0	63	420	0
94 Dartmouth College	38,103	251	0	2,369	124	920	0	30,955	58	1,060	2,346	0
95 University of New Mexico	37,341	0	425	11,558	2,414	1,739	190	14,182	76	1,363	5,384	10
96 Lehigh University	37,064	66	203	26,445	286	1,817	111	920	60	278	6,878	0
97 U TX MD Anderson Cncr Ctr	36,001	0	0	0	0	0	69	35,842	0	0	90	0
98 Wayne State University	35,948	0	0	648	0	266	345	31,503	50	187	2,951	0
99 U Tex Hlth Sci Ctr Houstn	34,816	0	0	209	75	411	160	33,248	0	529	152	32
100 Washington State Univ	33,867	14,955	0	1,390	391	2,063	531	8,777	132	120	5,508	0
Total 1st 100 institutions	9,629,593	581,127	72,169	1,338,985	175,036	538,940	74,357	5,083,899	40,215	436,782	1,233,170	54,913

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-8. Federal obligations for research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research 1/	DoD devel-opment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Total, all institutions	10,014,322	408,784	61,854	840,457	482,639	92,098	805,064	104,324	5,301,122	533,728	1,438,636	145,616
1 Johns Hopkins University	490,893	365	318	6,421	263,091	1,879	4,825	820	197,220	5,639	10,080	235
2 University of Washington	245,288	3,104	3,209	21,724	6,434	126	6,852	1,162	158,504	6,805	32,151	3,217
3 Stanford University	237,842	140	30	28,590	362	800	19,712	2,259	106,238	54,199	25,432	80
4 Mass Inst of Technology	232,619	450	1,156	54,707	372	659	46,253	600	56,465	24,796	40,939	4,222
5 Univ of Cal Los Angeles	194,217	343	0	15,179	604	2,083	17,621	695	130,568	7,747	19,096	281
6 University of Michigan	193,954	522	1,267	15,597	193	832	8,284	2,252	125,422	11,282	26,628	1,475
7 Univ of Cal San Diego	182,815	135	115	21,493	439	0	5,132	163	105,675	15,534	34,129	0
8 Univ of Wis-Madison	179,079	9,720	146	11,131	845	0	17,225	518	94,419	11,733	32,887	455
9 Univ of Cal San Francisco	178,698	0	0	1,212	0	0	3,393	161	170,710	919	2,303	0
10 Univ of Pennsylvania	169,352	334	45	20,841	0	1,652	5,783	0	123,542	120	17,035	0
Total 1st 10 institutions	2,304,757	15,113	6,286	196,895	274,340	8,031	137,080	8,630	1,268,783	138,774	240,880	9,965
11 University of Minnesota	168,962	8,943	526	11,193	141	9,242	5,473	1,560	103,725	3,242	23,665	1,252
12 Harvard University	161,719	344	0	4,663	916	500	5,459	1,529	121,506	7,311	18,190	1,301
13 Cornell University	156,151	12,465	307	16,894	0	0	4,921	752	68,705	5,263	46,650	194
14 Yale University	152,513	233	22	5,522	49	0	9,351	172	125,729	1,159	10,261	15
15 University of Pittsburgh	147,757	40	23	8,353	21,007	1,301	2,374	2,124	103,668	1,109	7,657	101
16 Pennsylvania State Univ	144,400	9,066	206	30,171	28,570	1,827	5,542	1,313	35,296	10,042	17,932	4,435
17 Univ of Cal Berkeley	136,020	10,128	120	10,105	1,081	6,618	4,408	839	46,044	19,530	34,120	3,027
18 Columbia Univ Main Div	134,329	0	761	8,128	30	175	7,191	660	109,580	6,295	0	1,509
19 Univ of Southern Cal	133,074	0	445	27,472	15,986	770	1,027	39	68,906	3,285	12,731	2,413
20 Duke University	128,098	464	221	4,493	466	0	3,861	1,915	105,862	557	10,095	164
Total 1st 20 institutions	3,767,780	56,796	8,917	323,889	342,586	28,464	186,687	19,533	2,157,784	196,567	422,181	24,376
21 University of Colorado	126,090	16	8,799	5,362	89	125	4,328	1,327	67,423	15,303	21,638	1,680
22 Washington University	125,282	0	35	1,543	113	0	1,548	120	112,243	3,147	6,533	0
23 Univ of NC at Chapel Hill	111,501	362	100	4,446	0	0	1,017	4,504	92,083	304	8,685	0
24 Univ of Ill Urbana	110,509	7,936	0	19,079	206	0	12,641	1,055	18,774	2,729	47,806	283
25 University of Rochester	103,510	140	0	5,204	2,010	170	17,370	0	70,549	1,464	6,603	0
26 University of Chicago	97,949	227	133	3,118	0	0	4,099	0	66,988	5,829	17,555	0
27 University of Arizona	95,206	4,261	201	5,016	2,237	388	1,895	772	50,468	14,152	13,731	2,085
28 Univ of Texas at Austin	95,063	276	0	16,929	25,960	0	13,807	702	13,556	6,474	14,142	3,217
29 Univ Alabama Birmingham	90,355	280	0	1,531	294	580	9,942	50	70,539	5,281	1,858	0
30 Case Western Reserve Univ	87,747	380	0	2,607	0	510	10,232	117	62,596	6,605	4,700	0
Total 1st 30 institutions	4,810,992	70,674	18,185	388,724	373,495	30,237	263,566	28,180	2,783,003	257,855	565,432	31,641
31 New York University	86,150	0	0	5,673	687	110	3,522	927	69,548	301	5,382	0
32 University of Iowa	85,113	499	235	2,897	0	124	692	427	66,246	8,536	5,439	18
33 Baylor Col of Medicine	82,849	8,617	103	660	0	884	951	192	69,917	696	829	0
34 Ohio State University	82,106	9,014	648	3,969	279	0	4,029	1,265	35,332	5,546	15,824	6,200
35 California Inst of Tech	80,585	0	91	14,071	0	0	9,922	292	14,938	10,997	28,304	1,970
36 Univ of Cal Davis	79,671	4,616	20	1,492	0	698	12,208	636	44,076	1,905	9,606	4,414
37 Univ of Mass	76,630	3,226	0	8,429	1,208	5,576	2,483	140	40,373	2,044	13,120	31
38 Vanderbilt University	76,437	65	0	5,243	0	143	707	75	65,434	2,590	2,087	93
39 Yeshiva University	72,115	0	0	235	0	156	0	0	71,441	0	283	0
40 Univ of MD College Park	72,115	4,548	2,715	12,862	1,643	0	7,596	1,353	5,978	16,624	18,189	607
Total 1st 40 institutions	5,804,763	101,259	21,997	444,255	377,312	37,928	305,676	33,487	3,266,286	307,094	664,495	44,974
41 University of Utah	70,877	40	82	3,248	294	86	4,760	162	49,174	722	10,514	1,795
42 Indiana University	69,205	29	0	1,079	0	275	2,971	213	45,597	735	17,942	364
43 University of Miami	68,511	0	2,349	5,952	46	179	224	353	48,905	2,082	6,421	0
44 LA State Univ System	68,379	7,036	878	2,028	0	0	24,663	1,787	26,071	857	4,661	398
45 Northwestern University	67,725	340	113	6,943	206	1,486	3,847	0	40,308	1,605	12,827	50
46 Boston University	67,153	0	90	2,333	3,477	2,071	2,183	99	47,098	1,431	8,322	49
47 University of Virginia	66,916	100	888	5,877	768	1,430	2,648	295	41,250	4,134	8,464	1,062
48 Purdue University	64,543	9,625	70	4,738	89	168	7,695	336	19,488	2,899	17,679	1,756
49 University of Florida	63,270	7,723	892	5,463	1,467	0	2,999	620	33,294	2,347	7,120	1,545
50 Michigan State University	62,793	13,598	54	2,353	110	1,596	3,615	186	18,576	757	20,704	1,244
Total 1st 50 institutions	6,274,135	139,750	27,213	484,269	383,769	45,219	361,281	37,538	3,636,047	324,663	781,149	53,237

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
51 Emory University	57,385	270	0	768	0	0	424	0	53,818	270	1,835	0
52 Georgia Institute of Tech	56,008	0	425	22,816	11,917	0	1,507	2,951	3,609	4,710	7,794	279
53 U Tex Sw Med Ctr - Dallas	55,878	0	0	125	0	0	139	0	53,939	1,316	359	0
54 Utah State University	53,430	2,636	0	11,061	31,560	170	1,099	252	3,369	936	1,801	546
55 Texas A & M University	52,367	10,764	975	4,994	423	81	4,392	958	10,793	4,284	14,247	456
56 University of Cincinnati	51,490	208	0	2,663	0	48	401	2,875	41,267	1,522	2,508	0
57 Oregon State University	51,297	10,187	2,387	5,744	0	0	1,499	2,734	7,896	2,440	13,686	4,724
58 Princeton University	51,233	0	7	8,819	0	0	6,053	620	14,280	3,996	17,150	308
59 Univ of Cal Irvine	50,950	210	0	6,972	0	0	3,929	121	31,415	1,476	6,827	0
60 Woods Hole Ocngrphic Inst	50,891	0	1,189	19,964	2,488	0	1,266	0	347	721	23,916	1,000
Total 1st 60 institutions	6,805,064	164,023	32,198	568,195	43,0157	45,518	381,990	48,049	3,856,780	348,334	871,272	60,550
61 SUNY at Stony Brook	50,403	0	0	433	0	0	3,681	95	30,337	1,760	14,097	0
62 Univ of Tennessee All Cmp	50,204	5,677	0	1,941	372	288	11,576	258	23,518	1,906	4,479	189
63 Carnegie-Mellon Univ	50,167	0	99	16,806	1,481	0	3,284	389	7,638	3,040	17,153	277
64 CUNY Mount Sinai Schl Med	50,037	0	0	0	0	641	176	0	48,356	355	509	0
65 Univ of MD Balt Prof Sch	48,125	35	0	726	0	0	0	343	46,290	0	729	0
66 Univ of Ill Chicago	48,517	87	0	1,405	195	143	755	247	35,283	277	5,965	2,160
67 Virginia Commonwith Univ	46,324	0	0	316	0	660	216	112	44,129	452	439	0
68 Rutgers the St Univ of NJ	45,852	4,563	1,118	3,486	0	1,000	863	489	20,290	984	12,814	245
69 Florida State University	45,334	0	283	1,252	0	396	12,366	603	4,003	1,651	24,397	383
70 Univ of Cal Santa Barbara	44,255	313	335	8,986	3,632	0	3,676	457	5,219	3,784	17,380	473
Total 1st 70 institutions	7,282,282	174,698	34,031	603,548	435,837	48,646	418,583	51,042	4,121,843	360,543	969,234	64,277
71 N C State Univ at Raleigh	43,697	10,098	713	5,915	225	500	1,876	1,671	5,392	3,460	9,131	4,716
72 Colorado State University	43,671	6,094	1,707	4,483	0	120	1,301	820	17,192	1,763	8,558	1,633
73 Oregon Hlth Sciences Univ	43,481	0	0	623	0	0	12,428	0	29,969	0	461	0
74 New Mexico State Univ	42,903	3,271	76	1,911	11,290	0	358	160	2,029	20,938	2,594	276
75 University of Connecticut	42,860	1,681	1,842	1,812	0	1,838	798	523	29,560	272	4,372	162
76 Tufts University	41,571	11,838	0	289	0	128	897	3,530	22,548	50	2,285	6
77 Univ of Med & Dent of N J	41,465	250	0	480	0	200	319	545	38,591	274	806	0
78 University of Georgia	40,715	9,011	352	1,398	0	162	9,554	1,301	10,319	456	5,554	2,608
79 SUNY at Buffalo All Cmps	39,895	734	0	6,330	0	0	658	1,170	25,462	531	4,992	18
80 Rockefeller University	39,718	0	0	249	0	0	1,082	0	37,434	0	953	0
Total 1st 80 institutions	7,702,258	217,675	38,721	627,038	447,352	51,594	447,854	60,762	4,340,339	388,287	1,008,940	73,698
81 Univ of Hawaii-Manoa	38,814	4,903	0	1,778	0	0	1,522	0	9,991	5,793	12,689	2,138
82 Georgetown University	37,666	552	65	8,743	0	598	350	294	24,629	0	1,437	1,000
83 Univ of VT & St Agric Col	37,294	4,305	0	117	154	1,062	630	295	28,294	25	2,254	158
84 U Tex Hlth Sci Ctr S Anto	36,999	322	0	742	0	0	0	0	35,623	63	249	0
85 Lehigh University	36,265	66	203	26,310	127	0	1,817	111	696	278	6,597	60
86 Dartmouth College	36,042	251	0	2,369	0	0	920	0	29,164	970	2,310	58
87 Brown University	36,015	190	130	7,069	0	0	2,720	0	14,441	1,150	10,146	169
88 University of Kentucky	35,914	7,010	48	366	45	0	3,963	245	19,480	127	3,982	648
89 Wake Forest University	35,224	0	239	192	0	0	43	0	34,111	262	377	0
90 U TX MD Anderson Cncr Ctr	34,693	0	0	0	0	0	0	69	34,534	0	90	0

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Total 1st 90 institutions	8,067,186	235,274	39,406	674,724	447,678	53,254	459,819	61,776	4,571,302	396,955	1,049,071	77,927
91 Iowa State University	34,028	12,943	1,711	832	0	0	1,448	580	6,378	1,007	4,557	4,572
92 U Tex Hlth Sci Ctr Houstn	33,381	0	0	209	0	0	411	150	31,920	529	130	32
93 Wayne State University	33,280	0	0	429	74	0	266	0	29,469	187	2,805	50
94 University of New Mexico	32,446	0	0	4,457	7,093	762	1,691	190	12,660	824	4,683	86
95 VA Polytech Inst & St U	32,033	6,450	85	3,839	206	72	5,523	543	2,761	4,644	5,028	3,082
96 West Virginia University	29,914	4,576	0	391	0	0	14,430	1,241	4,720	161	1,796	2,599
97 University of Kansas	28,341	0	50	838	0	1,658	680	21	21,047	888	2,911	248
98 Univ of Nebraska-Lincoln	28,232	7,372	310	1,327	95	0	6,263	158	2,365	695	6,542	3,085
99 Univ of Missouri Columbia	26,537	7,754	0	319	0	0	1,333	436	13,506	74	3,038	75
100 Thomas Jefferson Univ	26,068	0	0	62	0	969	0	0	24,866	0	171	0
Total 1st 100 institutions	8,371,446	274,369	41,562	687,227	455,146	56,715	491,864	55,095	4,721,016	405,964	1,080,732	91,756

1/ In this table, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

NOTE: Does not include R&D obligations to university-administered federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-9. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total, all institutions	472,871	10,929	3,858	1,240	53,484	12,427	8,039	311,459	0	36,338	34,535	582
1 Harvard University	17,692	0	0	31	511	0	7	14,718	0	308	2,117	0
2 Stanford University	16,877	0	0	124	1,087	0	0	9,230	0	804	5,652	0
3 Johns Hopkins University	14,739	0	18	0	143	0	44	13,709	0	388	437	0
4 University of Washington	14,409	0	233	0	1,208	40	168	11,841	0	919	0	0
5 University of Michigan	13,075	0	114	8	1,960	40	616	9,349	0	575	413	0
6 Univ of Pennsylvania	12,793	0	0	93	1,127	0	0	10,790	0	47	736	0
7 University of Chicago	12,431	0	0	0	2,280	0	0	8,765	0	232	1,154	0
8 Yale University	12,413	0	0	0	718	0	6	10,644	0	242	803	0
9 Washington University	11,681	0	0	0	1,114	0	1	10,144	0	282	140	0
10 Univ of Cal Berkeley	11,465	162	0	0	2,035	0	0	5,113	0	264	3,891	0
Total 1st 10 institutions	137,575	162	365	256	12,163	80	842	104,303	0	4,061	15,343	0
11 Univ of Cal San Francisco	11,217	0	0	0	0	0	0	10,650	0	0	567	0
12 Mass Inst of Technology	10,255	0	148	3	217	0	18	5,509	0	718	3,842	0
13 Univ of Cal San Diego	9,489	0	330	0	433	0	0	7,464	0	589	673	0
14 Univ of Cal Los Angeles	9,124	0	0	0	617	0	0	7,973	0	66	468	0
15 Columbia Univ Main Div	8,469	0	0	0	1,034	0	0	7,325	0	110	0	0
16 Univ of Wis-Madison	7,927	60	0	0	0	0	0	6,703	0	66	1,098	0
17 Cornell University	7,758	216	0	184	1,775	0	0	4,810	0	773	0	0
18 New Mexico State Univ	7,539	0	0	0	196	6,675	0	201	0	391	76	0
19 Duke University	7,188	0	0	2	283	0	33	6,471	0	66	333	0
20 University of Minnesota	7,172	162	66	0	149	0	237	5,833	0	326	399	0
Total 1st 20 institutions	223,713	600	909	445	16,867	6,755	1,130	167,242	0	7,166	22,599	0
21 Univ of NC at Chapel Hill	7,146	0	0	0	817	0	317	5,950	0	62	0	0
22 Vanderbilt University	6,243	0	0	0	124	350	0	5,234	0	347	188	0
23 University of Colorado	6,068	0	40	0	482	0	3	4,536	0	985	22	0
24 University of Rochester	5,630	0	0	0	287	0	0	5,303	0	40	0	0
25 Case Western Reserve Univ	5,210	0	0	0	0	0	0	4,047	0	946	217	0
26 University of Virginia	5,114	0	149	8	284	0	24	3,849	0	594	206	0
27 University of Iowa	4,590	0	16	0	349	0	0	4,098	0	55	72	0
28 California Inst of Tech	4,515	0	0	99	0	0	0	2,787	0	748	881	0
29 Princeton University	4,439	0	0	5	765	0	2	2,293	0	66	1,308	0
30 Yeshiva University	4,377	0	0	0	0	0	0	4,377	0	0	0	0
Total 1st 30 institutions	277,045	600	1,114	557	19,975	7,105	1,476	209,716	0	11,009	25,493	0
31 Boston University	4,267	0	0	2	743	0	7	3,428	0	44	43	0
32 New York University	4,143	0	0	0	256	0	0	3,690	0	0	197	0
33 University of Arizona	4,073	216	8	20	791	0	2	1,794	0	1,242	0	0
34 University of Pittsburgh	3,736	0	0	0	574	0	0	3,146	0	0	16	0
35 Univ of Southern Cal	3,647	0	48	33	1,109	0	0	2,415	0	0	42	0
36 Indiana University	3,392	0	0	0	1,359	0	32	1,979	0	0	22	0
37 Univ Alabama Birmingham	3,387	0	0	0	495	0	0	2,718	0	88	86	0
38 N C State Univ at Raleigh	3,218	184	145	25	1,155	0	1,134	363	0	212	0	0
39 Univ of Ill Urbana	3,215	266	0	80	11	0	0	1,597	0	457	804	0
40 Northwestern University	3,068	0	0	5	198	0	0	2,401	0	66	398	0
Total 1st 40 institutions	313,191	1,266	1,315	722	26,666	7,105	2,651	233,247	0	13,118	27,101	0
41 U Tex Sw Med Ctr - Dallas	3,027	0	0	0	0	0	0	3,005	0	0	22	0
42 University of Florida	2,700	162	131	21	313	0	112	1,568	0	393	0	0
43 Rutgers the St Univ of NJ	2,554	0	0	0	436	0	769	766	0	153	64	366
44 Univ of Cal Davis	2,523	288	0	0	351	40	0	1,761	0	83	0	0
45 Purdue University	2,295	337	0	0	704	40	26	814	0	374	0	0
46 Univ of Cal Irvine	2,287	0	0	5	394	0	0	1,694	0	44	150	0
47 West Virginia University	2,238	0	0	0	80	248	1,333	229	0	348	0	0
48 Carnegie-Mellon Univ	2,235	0	0	107	246	0	0	402	0	154	1,130	196
49 University of Miami	2,213	0	0	23	4	0	0	2,056	0	44	86	0
50 Baylor Col of Medicine	2,177	0	0	0	0	0	0	2,070	0	22	85	0
Total 1st 50 institutions	337,440	2,053	1,446	878	29,194	7,433	4,891	247,612	0	14,733	28,638	582

See explanatory information, if any, and SOURCE at end of table.

Table B-9. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
51 Michigan State University	2,144	324	0	0	364	40	1	1,226	0	44	145	0
52 Univ of Texas at Austin	2,136	0	0	19	285	0	4	1,019	0	809	0	0
53 Emory University	2,128	0	0	0	447	0	0	1,595	0	0	86	0
54 Pennsylvania State Univ	2,101	43	0	-38	244	0	13	1,120	0	719	0	0
55 University of Utah	2,022	0	3	3	264	40	1	1,577	0	0	134	0
56 Texas A & M University	1,903	238	151	0	200	0	0	161	0	770	383	0
57 Ohio State University	1,801	108	56	0	2	0	1	784	0	66	784	0
58 Virginia Commonwlth Univ	1,791	0	0	0	16	0	0	1,775	0	0	0	0
59 University of Cincinnati	1,757	0	0	0	296	0	114	1,193	0	132	22	0
60 University of Kansas	1,717	0	0	0	455	0	0	939	0	280	43	0
Total 1st 60 institutions	356,940	2,766	1,656	862	31,767	7,513	5,025	259,001	0	17,553	30,235	562
61 Morehouse College	1,686	0	0	0	0	0	0	0	0	1,686	0	0
62 Rockefeller University	1,651	0	0	0	0	0	0	1,565	0	0	86	0
63 University of Oregon Main	1,635	0	0	0	629	0	0	979	0	0	27	0
64 Brown University	1,563	0	0	0	208	0	0	835	0	216	304	0
65 University of Connecticut	1,543	0	82	0	135	0	0	1,324	0	22	0	0
66 Univ of Mass	1,512	0	0	0	248	0	6	930	0	198	130	0
67 Florida A & M University	1,488	195	0	0	80	0	0	125	0	1,088	0	0
68 Colorado State University	1,478	216	0	0	391	0	156	585	0	65	65	0
69 Brandeis University	1,470	0	0	5	1	0	0	1,354	0	0	110	0
70 Dartmouth College	1,423	0	0	0	74	0	0	1,239	0	110	0	0
Total 1st 70 institutions	372,389	3,177	1,718	867	33,533	7,513	5,187	267,937	0	20,938	30,957	562
71 Howard University	1,324	0	3	0	384	0	60	610	0	245	22	0
72 U Tex Hlth Sci Ctr S Anto	1,313	0	0	0	0	0	0	1,313	0	0	0	0
73 Iowa State University	1,293	287	0	0	417	0	0	71	0	432	86	0
74 Georgia Institute of Tech	1,264	0	0	0	0	0	1	190	0	478	595	0
75 Univ of MD College Park	1,259	0	138	0	210	0	0	159	0	555	197	0
76 Oregon State University	1,257	108	309	0	172	0	0	308	0	319	41	0
77 Spelman College	1,254	0	0	0	4	0	26	0	0	1,224	0	0
78 Oregon Hlth Sciences Univ	1,240	0	0	0	0	0	0	1,240	0	0	0	0
79 University of New Mexico	1,231	0	0	0	49	48	0	463	0	539	132	0
80 SUNY at Stony Brook	1,217	0	0	0	136	0	0	995	0	0	86	0
Total 1st 80 institutions	385,041	3,572	2,168	867	34,905	7,561	5,274	273,286	0	24,730	32,116	562
81 Univ of MD Balt Prof Sch	1,205	0	0	0	44	235	0	904	0	0	22	0
82 Tufts University	1,183	0	0	0	93	0	13	1,026	0	0	51	0
83 Univ of Tennessee All Cmp	1,172	0	0	0	84	0	100	878	0	110	0	0
84 Wake Forest University	1,117	0	0	0	20	0	0	1,097	0	0	0	0
85 Univ of Ill Chicago	1,112	0	0	0	165	0	60	865	0	0	22	0
86 CUNY Mount Sinai Schl Med	1,095	0	0	0	0	0	0	1,095	0	0	0	0
87 Univ of VT & St Agric Col	1,061	0	0	0	64	0	0	997	0	0	0	0
88 Auburn University	1,048	72	0	0	457	0	255	0	0	264	0	0
89 Univ of Missouri Columbia	1,039	162	0	0	0	0	10	781	0	0	86	0
90 University of Oklahoma	1,028	0	4	0	526	0	6	462	0	11	19	0
Total 1st 90 institutions	396,101	3,806	2,172	867	36,358	7,796	5,718	281,391	0	25,115	32,316	562

See explanatory information, if any, and SOURCE at end of table.

Table B-9. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
91 U TX MD Anderson Cncr Ctr	1,006	0	0	0	0	0	0	1,006	0	0	0	0
92 Temple University	1,002	0	0	0	314	0	6	682	0	0	0	0
93 University of Kentucky	997	72	0	0	200	250	0	404	0	25	46	0
94 Univ of Hawaii-Manoa	971	0	0	0	0	0	3	521	0	382	65	0
95 Univ Alabama Huntsville	951	0	0	0	14	0	0	0	0	937	0	0
96 Old Dominion University	931	0	0	0	32	0	0	0	0	899	0	0
97 Wayne State University	927	0	0	0	0	0	0	927	0	0	0	0
98 Rice University	917	0	0	0	0	0	166	233	0	241	277	0
99 Atlanta University Center	900	0	0	0	0	900	0	0	0	0	0	0
100 University of Georgia	896	0	70	0	178	0	6	491	0	0	151	0
Total 1st 100 institutions	405,599	3,878	2,242	867	37,096	8,946	5,899	285,655	0	27,599	32,855	562

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

NOTE: The appearance of negative numbers is a result of deobligations; see "Definitions" in Technical Notes.

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-10. Federal obligations for general support for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total, all institutions	192,590	0	29,429	0	31,832	158	3,496	108,726	12,510	0	6,439	0
1 University of Washington	3,741	0	1,735	0	100	0	0	1,515	110	0	281	0
2 University of Cincinnati	3,731	0	0	0	204	0	2,811	604	0	0	112	0
3 University of Colorado	3,665	0	2,902	0	79	0	0	609	0	0	75	0
4 Johns Hopkins University	2,644	0	5	0	0	0	0	2,639	0	0	0	0
5 University of Michigan	2,593	0	658	0	272	0	0	1,537	0	0	126	0
6 University of Connecticut	2,512	0	1,642	0	100	0	0	588	0	0	182	0
7 Howard University	2,064	0	14	0	179	0	0	1,869	0	0	2	0
8 Oregon State University	1,861	0	1,630	0	0	0	0	85	58	0	88	0
9 University of Minnesota	1,806	0	282	0	912	0	0	612	0	0	0	0
10 University of New Mexico	1,714	0	0	0	765	0	0	879	0	0	70	0
Total 1st 10 institutions	26,331	0	8,868	0	2,611	0	2,811	10,937	168	0	936	0
11 Univ of Alaska Fairbanks	1,710	0	617	0	62	0	0	10	821	0	200	0
12 Univ of Cal Los Angeles	1,703	0	0	0	0	0	0	1,703	0	0	0	0
13 Univ of NC at Chapel Hill	1,663	0	0	0	219	0	0	1,444	0	0	0	0
14 Harvard University	1,625	0	0	0	0	0	0	1,625	0	0	0	0
15 Rutgers the St Univ of NJ	1,619	0	757	0	100	0	0	762	0	0	0	0
16 Florida A & M University	1,587	0	0	0	632	0	0	955	0	0	0	0
17 University of Miami	1,583	0	902	0	0	0	0	681	0	0	0	0
18 Univ of Mass	1,574	0	0	0	654	0	0	742	0	0	178	0
19 Columbia Univ Main Div	1,555	0	341	0	0	0	0	1,214	0	0	0	0
20 Mass Inst of Technology	1,536	0	779	0	0	0	0	529	0	0	228	0
Total 1st 20 institutions	42,486	0	12,264	0	4,278	0	2,811	20,602	989	0	1,542	0
21 Meharry Medical College	1,502	0	0	0	0	0	0	1,502	0	0	0	0
22 Wayne State University	1,497	0	0	0	0	0	345	1,107	0	0	45	0
23 Yale University	1,425	0	2	0	0	0	0	1,423	0	0	0	0
24 LA State Univ System	1,416	0	585	0	60	0	0	626	0	0	145	0
25 Univ of Pennsylvania	1,410	0	40	0	75	0	0	1,265	0	0	30	0
26 Univ Hawaii at Hilo	1,405	0	0	0	864	0	0	541	0	0	0	0
27 Vanderbilt University	1,337	0	0	0	166	0	0	1,171	0	0	0	0
28 Univ of Cal Irvine	1,298	0	0	0	370	0	0	915	0	0	13	0
29 Univ of P R-Rio Piedras	1,279	0	0	0	100	0	0	1,179	0	0	0	0
30 Texas A & M University	1,266	0	670	0	0	0	0	547	0	0	49	0
Total 1st 30 institutions	56,321	0	13,561	0	5,913	0	3,156	30,878	989	0	1,824	0
31 Univ of MD College Park	1,236	0	814	0	149	0	0	214	0	0	59	0
32 Univ of Rhode Island	1,231	0	1,141	0	55	0	0	35	0	0	0	0
33 Calif St Univ Los Angeles	1,191	0	0	0	0	0	0	1,191	0	0	0	0
34 New York University	1,176	0	0	0	472	0	0	704	0	0	0	0
35 Univ of P R-Med Sci Cmpus	1,169	0	0	0	0	0	0	1,169	0	0	0	0
36 CUNY City College	1,148	0	0	0	0	0	0	1,148	0	0	0	0
37 Indiana University	1,104	0	0	0	735	0	0	344	0	0	25	0
38 Cornell University	1,100	0	96	0	0	0	0	1,004	0	0	0	0
39 Univ of Cal San Francisco	1,093	0	0	0	0	0	0	1,093	0	0	0	0
40 University of Virginia	1,090	0	661	0	146	0	0	282	0	0	1	0
Total 1st 40 institutions	67,859	0	16,273	0	7,470	0	3,156	38,062	989	0	1,909	0
41 Duke University	1,086	0	30	0	49	0	0	887	0	0	120	0
42 Colorado State University	1,084	0	668	0	0	158	0	258	0	0	0	0
43 Morehouse College	1,048	0	0	0	232	0	0	816	0	0	0	0
44 Morehouse School of Med	1,047	0	0	0	0	0	0	1,047	0	0	0	0
45 University of Rochester	1,041	0	0	0	0	0	0	1,035	0	0	6	0
46 Emory University	1,022	0	0	0	61	0	0	961	0	0	0	0
47 University of Florida	1,009	0	571	0	0	0	0	438	0	0	0	0
48 Ohio State University	974	0	333	0	0	0	0	594	0	0	47	0
49 Univ Alabama Birmingham	967	0	0	0	0	0	0	967	0	0	0	0
50 University of Kansas	966	0	0	0	177	0	0	789	0	0	0	0
Total 1st 50 institutions	78,103	0	17,875	0	7,989	158	3,156	45,854	989	0	2,082	0

See explanatory information, if any, and SOURCE at end of table.

Table B-10. Federal obligations for general support for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
51 Univ of MD Balt Prof Sch	962	0	0	0	89	0	0	873	0	0	0	0
52 Univ of Cal San Diego	930	0	9	0	0	0	0	829	0	0	92	0
53 Boston University	926	0	10	0	210	0	0	701	0	0	5	0
54 Yeshiva University	923	0	0	0	222	0	0	701	0	0	0	0
55 Univ of Ill Urbana	922	0	0	0	0	0	0	734	0	0	188	0
56 Clark Atlanta University	888	0	0	0	0	0	0	888	0	0	0	0
57 N C State Univ at Raleigh	887	0	598	0	0	0	0	116	0	0	173	0
58 U of Texas at San Antonio	883	0	0	0	73	0	0	810	0	0	0	0
59 Baylor Col of Medicine	871	0	0	0	0	0	0	871	0	0	0	0
60 Georgetown University	870	0	0	0	395	0	0	475	0	0	0	0
Total 1st 60 institutions	87,165	0	18,492	0	8,978	158	3,156	52,852	989	0	2,540	0
61 San Jose State University	846	0	14	0	0	0	0	832	0	0	0	0
62 University of Chicago	845	0	27	0	100	0	0	718	0	0	0	0
63 Case Western Reserve Univ	842	0	0	0	73	0	0	674	0	0	95	0
64 University of Utah	840	0	47	0	50	0	0	743	0	0	0	0
65 NC Ag & Tech State Univ	836	0	0	0	0	0	0	836	0	0	0	0
66 University of Iowa	817	0	28	0	199	0	0	548	0	0	42	0
67 Univ of Texas at El Paso	809	0	0	0	0	0	0	809	0	0	0	0
68 New Mexico State Univ	800	0	34	0	0	0	0	766	0	0	0	0
69 University of Pittsburgh	797	0	0	0	223	0	0	534	0	0	40	0
70 Univ of N C at Wilmington	791	0	791	0	0	0	0	0	0	0	0	0
Total 1st 70 institutions	95,388	0	19,433	0	9,623	158	3,156	59,312	989	0	2,717	0
71 Univ of Southern Cal	784	0	262	0	110	0	0	412	0	0	0	0
72 Florida State University	784	0	127	0	537	0	0	57	0	0	63	0
73 Univ of Nebraska-Lincoln	771	0	0	0	277	0	0	436	0	0	58	0
74 CUNY York College	761	0	0	0	0	0	0	761	0	0	0	0
75 Univ of Cal Berkeley	758	0	0	0	64	0	0	694	0	0	0	0
76 Tufts University	744	0	0	0	67	0	0	677	0	0	0	0
77 Medical College of Wis	744	0	0	0	0	0	0	744	0	0	0	0
78 Chicago State University	739	0	0	0	0	0	0	739	0	0	0	0
79 CUNY Hunter College	726	0	0	0	0	0	0	726	0	0	0	0
80 University of Delaware	700	0	475	0	189	0	0	36	0	0	0	0
Total 1st 80 institutions	102,899	0	20,297	0	10,867	158	3,156	64,594	989	0	2,838	0
81 Texas Southern Univ	698	0	0	0	115	0	0	583	0	0	0	0
82 Univ of P R-Humacao U Col	691	0	0	0	267	0	0	424	0	0	0	0
83 Univ of P R-Mayaguez	682	0	0	0	107	0	0	575	0	0	0	0
84 Univ of Cal Davis	676	0	0	0	96	0	0	543	0	0	37	0
85 Ponce School of Medicine	674	0	0	0	0	0	0	674	0	0	0	0
86 California Inst of Tech	669	0	0	0	0	0	0	669	0	0	0	0
87 CUNY H.H. Lehman Coll	665	0	0	0	0	0	0	665	0	0	0	0
88 University of Arizona	660	0	84	0	62	0	0	509	0	0	5	0
89 Tuskegee University	653	0	0	0	50	0	0	603	0	0	0	0
90 Tennessee State Univ	643	0	0	0	107	0	0	536	0	0	0	0
Total 1st 90 institutions	109,610	0	20,381	0	11,671	158	3,156	70,375	989	0	2,880	0

See explanatory information, if any, and SOURCE at end of table.

Table B-10. Federal obligations for general support for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
91 Washington University	642	0	16	0	95	0	0	493	0	0	38	0
92 Univ of Cal Santa Cruz	641	0	0	0	0	0	0	616	25	0	0	0
93 SUNY at Stony Brook	624	0	0	0	0	0	0	577	0	0	47	0
94 Fisk University	618	0	0	0	292	0	0	326	0	0	0	0
95 Winston-Salem State Univ	617	0	0	0	0	0	0	617	0	0	0	0
96 U Tex Hlth Sci Ctr Houstn	614	0	0	0	0	0	0	614	0	0	0	0
97 Virginia Commonwlth Univ	611	0	0	0	0	0	0	567	0	0	44	0
98 Northern Arizona Univ	608	0	0	0	183	0	0	425	0	0	0	0
99 Bethune Cookman College	598	0	0	0	0	0	0	598	0	0	0	0
100 Univ of Wis-Madison	597	0	0	0	0	0	0	542	0	0	55	0
Total 1st 100 institutions	115,780	0	20,397	0	12,241	158	3,156	75,750	1,014	0	3,064	0

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
United States, total	10,014,322	408,784	61,854	840,457	482,639	92,098	605,064	104,324	5,301,122	533,728	1,438,636	145,616
Alabama, total	155,818	10,595	67	9,049	4,493	580	13,457	537	81,276	26,746	7,776	1,242
Alabama A & M University	5,411	2,089	0	634	496	0	0	0	50	1,004	1,000	138
Alabama State University	130	0	0	0	0	0	0	0	94	0	36	0
Auburn University	16,096	6,002	22	2,006	577	0	1,417	150	802	3,008	1,707	405
Chauncey Sparks St Tech	900	0	0	0	0	0	900	0	0	0	0	0
Gadsden State Cmty Col	297	0	0	0	0	0	0	0	0	0	0	297
Jacksonville State Univ	61	0	0	0	0	0	0	0	0	0	61	0
Talladega College	222	0	0	0	0	0	0	0	0	0	222	0
The University of Alabama	8,010	0	0	3,923	0	0	843	2	1,187	495	1,163	397
Tuskegee University	5,165	2,094	0	704	60	0	310	0	1,384	337	271	5
Univ of Alabama Sys Off	45	0	45	0	0	0	0	0	0	0	0	0
Univ of South Alabama	8,211	130	0	32	0	0	45	0	7,115	20	869	0
Univ Alabama Birmingham	90,355	280	0	1,531	294	580	9,942	50	70,539	5,281	1,858	0
Univ Alabama Huntsville	20,915	0	0	219	3,066	0	0	335	105	16,601	589	0
Alaska, total	25,446	1,278	1,012	1,506	0	0	962	475	1,120	6,508	9,675	2,910
Alaska Pacific University	40	0	0	40	0	0	0	0	0	0	0	0
Univ of Alaska Anchorage	932	62	19	60	0	0	0	0	675	0	0	116
Univ of Alaska Fairbanks	22,165	1,216	993	1,406	0	0	962	475	445	6,508	9,675	485
Univ of Alaska System Off	2,309	0	0	0	0	0	0	0	0	0	0	2,309
Arizona, total	126,362	4,786	226	8,480	2,362	1,448	4,915	952	55,862	16,838	27,079	3,414
Amer Grad Sch of Intl Man	45	0	0	0	0	45	0	0	0	0	0	0
Arizona State University	24,445	207	25	3,195	0	385	3,020	180	4,863	2,568	9,977	25
Maricopa Co C C Sys Off	400	0	0	0	0	0	0	0	0	0	400	0
Navajo Community College	424	0	0	0	0	0	0	0	0	0	424	0
Northern Arizona Univ	5,523	318	0	75	0	630	0	0	531	118	2,547	1,304
Univ & St Col of Ariz S O	319	0	0	194	125	0	0	0	0	0	0	0
University of Arizona	95,206	4,261	201	5,016	2,237	388	1,895	772	50,468	14,152	13,731	2,085
Arkansas, total	25,785	8,714	0	609	0	1,324	452	90	10,472	199	2,646	1,279
Arkansas College	16	0	0	0	0	0	0	0	0	16	0	0
Arkansas State University	14	0	0	0	0	0	0	0	14	0	0	0
Harding University	41	0	0	0	0	0	0	0	0	41	0	0
Ouachita Baptist Univ	56	0	0	56	0	0	0	0	0	0	0	0
Philander Smith College	6	5	0	0	0	0	0	0	0	0	0	1
U of Arkansas Med Sci Cam	9,834	0	0	0	0	0	0	0	9,579	0	255	0
Univ of Ark Fayetteville	12,783	7,172	0	453	0	1,324	352	90	476	107	1,924	885
Univ of Ark Little Rock	1,324	0	0	100	0	0	100	0	403	35	467	219
Univ of Ark Pine Bluff	1,545	1,490	0	0	0	0	0	0	0	0	0	55
Univ of Ark Sys Off	166	47	0	0	0	0	0	0	0	0	0	119
California, total	1,398,356	18,624	3,245	138,993	22,147	11,848	85,665	6,240	753,376	125,819	215,771	16,628
Cal Poly St U San Luis Ob	402	27	0	0	0	0	0	0	0	283	92	0
Cal St U - San Bernadino	19	0	0	0	0	0	0	0	0	0	19	0
Cal St U Dominguez Hills	1,324	0	0	0	0	0	0	0	0	0	1,324	0
Calif St Poly Univ Pomona	179	15	0	0	0	0	0	0	106	0	0	58
Calif St U Bakersfield	27	0	0	0	0	0	0	0	0	0	27	0
Calif St Univ & Col Sys O	26	0	26	0	0	0	0	0	0	0	0	0
Calif St Univ Fullerton	1,107	0	0	0	0	0	46	0	248	73	740	0
Calif St Univ Hayward	592	0	0	0	0	0	0	0	0	29	563	0
Calif St Univ Long Beach	1,937	0	0	165	0	0	0	100	884	110	678	0
Calif St Univ Los Angeles	2,567	0	0	0	0	0	0	0	722	24	1,821	0
Calif St Univ Northridge	989	0	0	0	0	0	62	0	263	10	654	0
Calif St Univ Sacramento	141	0	0	0	0	0	0	0	0	0	141	0
Calif State Univ Chico	28	0	0	0	0	0	0	0	0	0	28	0
Calif State Univ Fresno	284	8	0	0	0	0	0	0	97	179	0	0
California Inst of Tech	80,585	0	91	14,071	0	0	9,922	292	14,938	10,997	28,304	1,970
Charles R. Drew Med&Sci	3,987	0	0	0	0	0	0	0	3,987	0	0	0
Claremont Mckenna College	45	0	0	5	0	0	0	0	0	40	0	0
Foothill College	34	0	0	0	0	0	0	0	0	0	34	0
Foothill-Deanza CC Sys Of	114	0	0	0	0	0	0	0	0	114	0	0
Golden West College	55	0	0	0	0	0	0	0	0	0	55	0
Harvey Mudd College	210	0	0	32	0	0	0	0	104	0	74	0
Humboldt State University	627	291	0	0	0	0	0	0	0	82	0	254
Loma Linda University	3,140	0	0	0	0	0	0	0	2,811	0	313	16
Merritt College	163	0	0	0	0	0	0	0	163	0	0	0
Mills College	193	0	0	0	0	0	0	0	0	0	193	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
California, cont'd:												
Mount San Antonio College	50	0	0	0	0	0	0	0	0	0	50	0
Mount St Mary's College	49	0	0	0	0	0	0	0	0	0	49	0
Occidental College	1,329	0	0	103	0	0	0	0	188	0	1,038	0
Pepperdine University	56	0	0	0	0	0	0	0	0	0	56	0
Pitzer College	177	0	0	0	0	0	0	0	120	0	57	0
Point Loma College	106	0	0	0	0	0	0	0	79	0	27	0
Pomona College	343	0	0	0	0	0	0	0	90	0	253	0
San Diego City College	1,301	0	0	1,301	0	0	0	0	0	0	0	0
San Diego State Univ	13,506	23	54	78	0	0	1,501	100	7,801	487	3,357	105
San Francisco State Univ	2,842	118	0	325	0	80	95	0	936	227	1,021	40
San Jose City College	43	0	0	0	43	0	0	0	0	0	0	0
San Jose State University	5,114	0	140	100	0	0	60	0	324	2,467	2,011	12
Santa Clara University	581	0	0	0	0	0	0	0	0	159	422	0
Sonoma State University	111	0	0	0	0	0	0	0	0	111	0	0
St Mary's Col California	16	0	0	0	0	0	0	0	0	0	16	0
Stanford University	237,842	140	30	28,590	362	800	19,712	2,259	106,238	54,199	25,432	80
U of Cal Sys Wide Prgms	5,786	24	1,869	0	0	0	0	0	0	408	0	3,485
Univ of Cal Berkeley	136,020	10,128	120	10,105	1,081	6,618	4,408	839	46,044	19,530	34,120	3,027
Univ of Cal Davis	79,671	4,616	20	1,492	0	698	12,208	636	44,076	1,905	9,606	4,414
Univ of Cal Irvine	50,950	210	0	6,972	0	0	3,929	121	31,415	1,476	6,827	0
Univ of Cal Los Angeles	194,217	343	0	15,179	604	2,083	17,621	695	130,568	7,747	19,096	281
Univ of Cal Riverside	12,984	2,131	0	257	0	0	1,437	378	4,922	388	3,471	0
Univ of Cal San Diego	182,815	135	115	21,493	439	0	5,132	163	105,675	15,534	34,129	0
Univ of Cal San Francisco	178,698	0	0	1,212	0	0	3,393	161	170,710	919	2,303	0
Univ of Cal Santa Barbara	44,255	313	335	8,986	3,632	0	3,676	457	5,219	3,784	17,380	473
Univ of Cal Santa Cruz	15,541	102	0	1,019	0	799	1,436	0	4,392	1,012	6,781	0
Univ of San Francisco	692	0	0	36	0	0	0	0	194	240	222	0
Univ of Southern Cal	133,074	0	445	27,472	15,986	770	1,027	39	68,906	3,285	12,731	2,413
University of the Pacific	785	0	0	0	0	0	0	0	742	0	43	0
University of San Diego	593	0	0	0	0	0	0	0	414	0	179	0
Westmont College	34	0	0	0	0	0	0	0	0	0	34	0
Colorado, total	182,920	6,110	10,506	12,773	494	720	6,536	2,504	86,886	18,275	34,171	3,945
Adams State College	46	0	0	0	0	0	0	0	0	0	36	10
Colorado College	5	0	0	0	0	0	0	0	0	5	0	0
Colorado School of Mines	3,284	0	0	552	94	0	848	250	0	70	854	616
Colorado State University	43,671	6,094	1,707	4,483	0	120	1,301	820	17,192	1,763	8,558	1,633
Fort Lewis College	221	0	0	0	0	0	0	0	0	0	216	5
Front Range Comm College	1	0	0	0	0	0	0	0	0	0	0	1
Metropoltn St Coll Denver	168	0	0	0	0	0	0	0	0	0	168	0
St Thomas Seminary	717	0	0	717	0	0	0	0	0	0	0	0
Univ of Northern Colorado	1,834	0	0	0	0	475	0	0	87	0	1,272	0
Univ of Southern Colorado	509	0	0	0	0	0	0	0	0	509	0	0
University of Colorado	126,090	16	8,799	5,362	89	125	4,328	1,327	67,423	15,303	21,638	1,680
University of Denver	6,374	0	0	1,659	311	0	59	107	2,184	625	1,429	0
Connecticut, total	198,672	1,914	1,864	7,383	49	1,944	10,179	725	156,324	1,431	16,682	177
Central Conn State Univ	88	0	0	0	0	0	0	0	88	0	0	0
Connecticut College	74	0	0	0	0	0	0	0	62	0	12	0
Fairfield University	368	0	0	0	0	0	30	0	0	0	338	0
Southern Conn State Univ	124	0	0	0	0	106	0	0	0	0	18	0
Trinity College	135	0	0	0	0	0	0	0	0	0	135	0
University of Connecticut	42,860	1,681	1,842	1,812	0	1,838	798	523	29,560	272	4,372	162
University of Hartford	226	0	0	0	0	0	0	0	0	0	226	0
Wesleyan University	2,284	0	0	49	0	0	0	30	885	0	1,320	0
Yale University	152,513	233	22	5,522	49	0	9,351	172	125,729	1,159	10,261	15
Delaware, total	19,688	2,148	715	2,951	0	1,398	760	371	3,860	1,420	5,828	237
Delaware State College	647	549	0	98	0	0	0	0	0	0	0	0
University of Delaware	19,041	1,599	715	2,853	0	1,398	760	371	3,860	1,420	5,828	237
District of Columbia, total	91,879	1,216	360	13,899	163	7,328	1,367	725	47,027	6,362	12,287	1,145
American University	1,466	0	0	311	0	0	0	0	476	83	596	0
Catholic Univ of America	4,590	100	175	1,962	83	0	287	50	592	772	569	0
Corcoran School of Art	31	0	0	0	0	0	0	0	0	31	0	0
Gallaudet University	3,974	0	0	0	0	3,100	0	0	338	15	521	0
George Washington Univ	22,824	0	103	1,538	80	730	687	233	15,206	3,128	989	40
Georgetown University	37,668	552	65	8,743	0	598	350	294	24,629	0	1,437	1,000
Howard University	19,124	80	17	1,022	0	2,900	43	148	5,696	1,559	7,659	0
University of D C	2,202	484	0	323	0	0	0	0	0	774	516	105

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD re-search 1/	DoD devel-opment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Florida, total	217,377	9,593	3,955	20,123	6,968	1,293	15,840	2,657	97,913	9,100	46,727	3,208
Bethune Cookman College	80	0	0	0	0	0	0	0	0	75	5	0
Eckerd College	145	0	0	0	0	0	0	0	0	0	145	0
Embry-Riddle Aero Univ	574	0	41	0	0	0	0	0	0	0	329	204
Florida A & M University	10,121	1,714	0	1,772	4,278	48	23	0	1,248	377	636	25
Florida Atlantic Univ	2,980	10	5	1,086	33	0	69	0	774	315	688	0
Florida Inst of Tech	1,711	0	0	306	0	0	0	207	816	152	230	0
Florida International U	2,490	0	0	432	38	0	0	290	727	65	794	144
Florida State University	45,334	0	283	1,252	0	396	12,366	603	4,003	1,651	24,397	383
Nova University	1,428	0	44	188	0	0	0	0	216	0	980	0
State Univ Sys of Fla Off	94	66	28	0	0	0	0	0	0	0	0	0
Univ of Central Florida	6,201	0	0	2,520	634	0	0	19	370	1,183	1,475	0
Univ of South Florida	13,688	80	423	1,152	472	670	159	58	7,457	853	1,457	907
Univ of West Florida	750	0	90	0	0	0	0	507	103	0	50	0
University of Florida	63,270	7,723	692	5,463	1,467	0	2,999	620	33,294	2,347	7,120	1,545
University of Miami	68,511	0	2,349	5,952	46	179	224	353	48,905	2,082	8,421	0
Georgia, total	194,164	10,951	783	27,197	14,551	250	16,927	6,898	87,127	5,755	20,734	2,991
Abraham Baldwin Agric Col	42	0	0	0	0	0	42	0	0	0	0	0
Atlanta University Center	1,762	0	0	0	0	0	1,762	0	0	0	0	0
Clark Atlanta University	9,315	26	0	1,785	290	0	516	2,000	1,370	75	3,167	86
Emory University	57,385	270	0	768	0	0	424	0	53,818	270	1,835	0
Fort Valley State College	1,897	1,644	0	0	0	0	203	0	0	0	50	0
Georgia Institute of Tech	56,008	0	425	22,816	11,917	0	1,507	2,951	3,609	4,710	7,794	279
Georgia Southern Univ	600	0	0	0	0	0	0	0	581	19	0	0
Georgia Southwestern Col	21	0	0	0	0	0	0	0	0	0	21	0
Georgia State University	5,374	0	0	137	0	0	222	198	3,324	225	1,268	0
Inst of Paper Sci & Tech	598	0	0	0	0	0	598	0	0	0	0	0
Kennesaw College	100	0	0	0	0	0	0	0	0	0	100	0
Medical Col of Georgia	8,064	0	0	15	0	0	0	0	7,994	0	55	0
Mercer University	2,663	0	0	0	2,248	0	0	0	242	0	173	0
Morehouse College	778	0	0	130	0	0	0	108	214	0	326	0
Morehouse School of Med	6,051	0	0	0	0	0	0	340	5,656	0	55	0
Morris Brown College	244	0	0	148	96	0	0	0	0	0	0	0
Savannah State College	6	0	6	0	0	0	0	0	0	0	0	0
Southern College of Tech	16	0	0	0	0	0	0	0	0	0	16	0
Spelman College	320	0	0	0	0	0	0	0	0	0	320	0
Univ System of Georgia	2,117	0	0	0	0	0	2,099	0	0	0	0	18
University of Georgia	40,715	9,011	352	1,398	0	162	9,554	1,301	10,319	456	5,554	2,608
Valdosta State College	88	0	0	0	0	88	0	0	0	0	0	0
Hawaii, total	47,291	4,998	3,154	4,825	1,510	0	1,527	0	10,016	5,793	12,689	2,779
Univ of Hawaii - W. Oahu	95	95	0	0	0	0	0	0	0	0	0	0
Univ of Hawaii Sys Off	8,382	0	3,154	3,047	1,510	0	5	0	25	0	0	641
Univ of Hawaii-Manoa	38,814	4,903	0	1,778	0	0	1,522	0	9,991	5,793	12,689	2,138
Idaho, total	12,718	5,348	0	378	0	0	991	134	845	1,554	2,002	1,466
Boise State University	329	30	0	127	0	0	0	0	0	0	150	22
Idaho State University	1,325	19	0	0	0	0	772	0	492	0	41	1
University of Idaho	11,064	5,299	0	251	0	0	219	134	353	1,554	1,811	1,443
Illinois, total	362,285	9,739	1,180	32,599	793	3,553	23,328	1,704	182,514	10,491	93,056	3,328
Augustana College	30	0	0	0	0	0	0	0	0	0	30	0
Bradley University	45	0	0	0	0	0	0	0	0	0	45	0
Chicago Col of Osteo Med	170	0	0	0	0	0	0	0	170	0	0	0
City Colleges of Chicago	231	0	0	0	0	0	99	0	0	0	132	0
Columbia College	361	0	0	96	0	0	0	0	0	0	265	0
De Paul University	556	0	0	0	0	13	0	0	489	0	54	0
Eastern Illinois Univ	44	0	0	0	0	0	0	0	0	0	44	0
Illinois Inst of Tech	5,723	0	0	1,304	186	0	0	402	3,035	0	796	0
Illinois State University	2,057	189	0	0	0	0	0	0	724	0	1,144	0
Joliet Jr College	73	0	0	0	0	0	0	0	0	0	73	0
Knox College	375	0	0	0	0	0	0	0	159	0	216	0
Lake Forest College	568	0	0	0	0	0	0	0	0	0	568	0
Lewis and Clark Cmty Col	120	0	0	0	0	0	0	0	0	0	120	0
Loyola Univ - Chicago	9,391	0	0	287	0	0	0	0	7,104	0	2,000	0
Northern Illinois Univ	3,616	25	0	168	0	783	222	0	1,124	0	1,079	215
Northwestern University	67,725	340	113	6,943	206	1,486	3,847	0	40,308	1,605	12,827	50
Parkland College	48	0	0	0	0	0	0	0	0	0	48	0
Rush University	1,080	0	0	0	0	0	0	0	1,080	0	0	0
S Illinois U Edwardsville	896	0	0	0	0	0	0	0	96	0	684	116
Southern Ill U-Carbondale	6,451	836	0	199	0	125	0	0	3,780	51	1,205	255
Southrn Ill Univ Sys Off	340	28	0	0	0	0	309	0	0	0	0	3
Triton College	80	0	0	0	0	0	0	0	0	0	80	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD re-search 1/	DoD devel-opment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Illinois, cont'd:												
U Hlth Sci/Chcgo Med Sch	3,573	0	0	0	0	0	0	0	3,400	0	173	0
Univ of Ill Chicago	46,517	87	0	1,405	195	143	755	247	35,283	277	5,965	2,160
Univ of Ill Urbana	110,509	7,936	0	19,079	206	0	12,641	1,055	18,774	2,729	47,806	283
Univ of Illinois Sys Off	3,555	16	934	0	0	1,003	1,356	0	0	0	0	246
University of Chicago	97,949	227	133	3,118	0	0	4,099	0	66,988	5,829	17,555	0
Western Illinois Univ	202	55	0	0	0	0	0	0	0	0	147	0
Indiana, total	155,882	9,688	100	7,146	89	514	19,107	1,084	69,469	4,127	42,434	2,124
Ball State University	1,800	34	0	0	0	0	0	0	401	0	1,361	4
Butler University	335	0	0	28	0	0	0	250	0	0	57	0
De Pauw University	50	0	0	0	0	0	0	0	0	50	0	0
Indiana State University	4,995	0	0	0	0	0	4,814	0	95	86	0	0
Indiana University	69,205	29	0	1,079	0	275	2,971	213	45,597	735	17,942	364
Martin Center College	672	0	0	0	0	0	0	0	672	0	0	0
Purdue University	64,543	9,625	70	4,738	89	168	7,695	336	19,488	2,899	17,679	1,756
Rose-Hulman Inst of Tech	141	0	0	0	0	0	0	0	0	0	141	0
St Mary's College	119	0	0	0	0	0	0	0	0	12	107	0
University of Evansville	25	0	0	0	0	0	0	0	0	25	0	0
University of Notre Dame	13,767	0	30	1,301	0	71	3,473	285	3,216	314	5,077	0
Valparaiso University	230	0	0	0	0	0	154	0	0	6	70	0
Iowa, total	124,814	13,547	1,946	3,729	0	124	6,117	1,007	72,937	9,543	11,274	4,590
Briar Cliff College	21	0	0	0	0	0	0	0	21	0	0	0
Coe College	25	0	0	0	0	0	0	0	0	0	25	0
Dordt College	13	0	0	0	0	0	0	0	0	0	13	0
Drake University	33	0	0	0	0	0	0	0	0	0	33	0
Grinnell College	113	0	0	0	0	0	0	0	0	0	113	0
Iowa State University	34,028	12,943	1,711	832	0	0	1,448	580	6,378	1,007	4,557	4,572
Luther College	118	0	0	0	0	0	0	0	16	0	102	0
Maharishi Intl University	342	0	0	0	0	0	0	0	251	0	91	0
Southwestern Cmty College	25	0	0	0	0	0	0	0	25	0	0	0
Univ of Northern Iowa	4,983	105	0	0	0	0	3,977	0	0	0	901	0
University of Iowa	85,113	499	235	2,897	0	124	692	427	66,246	8,536	5,439	18
Kansas, total	50,894	5,426	50	1,186	0	1,658	7,050	2,187	23,057	1,977	6,331	1,972
Bethel College	23	0	0	0	0	0	0	0	23	0	0	0
Fort Hays St Univ	3,976	0	0	0	0	0	3,976	0	0	0	0	0
Kans St U - Ag & App Sci	16,425	5,426	0	224	0	0	2,394	2,166	1,880	993	3,135	207
Pittsburg State Univ	126	0	0	0	0	0	0	0	0	0	126	0
University of Kansas	28,341	0	50	838	0	1,658	680	21	21,047	888	2,911	248
Wichita State University	2,003	0	0	124	0	0	0	0	107	96	159	1,517
Kentucky, total	46,190	9,325	97	471	45	0	4,128	317	25,317	634	5,208	848
Berea College	63	0	0	0	0	0	0	0	0	0	63	0
Centre College	22	0	0	0	0	0	0	0	0	22	0	0
Eastern Kentucky Univ	169	0	0	0	0	0	0	0	143	0	26	0
Kentucky State University	2,364	2,315	49	0	0	0	0	0	0	0	0	0
Murray State University	238	0	0	35	0	0	0	0	193	0	10	0
Northern Kentucky Univ	238	0	0	0	0	0	0	10	0	0	228	0
University of Kentucky	35,914	7,010	48	366	45	0	3,963	245	19,480	127	3,982	648
University of Louisville	6,699	0	0	70	0	0	165	62	5,286	485	631	0
Western Kentucky Univ	483	0	0	0	0	0	0	0	215	0	268	0
Louisiana, total	101,680	8,764	878	2,872	0	0	25,624	2,340	51,848	1,049	7,399	906
Dillard University	24	24	0	0	0	0	0	0	0	0	0	0
Grambling State Univ	269	0	0	0	0	0	133	0	0	0	136	0
Louisiana Tech University	1,072	153	0	64	0	0	746	0	0	0	60	49
LA St Univ System Office	399	0	0	0	0	0	0	0	0	0	0	399
LA State Univ System	68,379	7,036	878	2,028	0	0	24,663	1,787	26,071	857	4,661	398
McNeese State University	61	0	0	0	0	0	0	0	0	0	61	0
Northeast Louisiana Univ	596	0	0	0	0	0	0	0	0	13	583	0
Northwest State Univer	35	0	0	0	0	0	0	0	0	35	0	0
Southeastern LA Univ	56	10	0	0	0	0	0	0	25	0	21	0
Southern U & A&M College	2,599	1,461	0	184	0	0	12	400	0	0	513	29
Tulane University	24,276	40	0	189	0	0	70	153	22,546	144	1,134	0
Univ of Southwestern LA	2,093	40	0	95	0	0	0	0	1,697	0	230	31
Xavier University of LA	1,821	0	0	312	0	0	0	0	1,509	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Maine, total	9,740	3,519	250	252	0	754	140	570	1,082	308	2,409	456
Bates College	280	0	0	0	0	0	0	0	109	0	171	0
Bowdoin College	288	0	0	0	0	0	0	0	0	50	238	0
Colby College	183	0	0	0	0	0	0	0	118	0	65	0
College of the Atlantic	4	0	0	0	0	0	0	0	0	0	0	4
Univ of Maine Augusta	63	0	0	0	0	0	63	0	0	0	0	0
Univ of Maine Orono	6,859	3,081	0	224	0	94	77	570	478	258	1,788	289
Univ of Maine System Off	1,185	438	250	0	0	360	0	0	0	0	0	137
Univ Maine, Presque Isle	38	0	0	28	0	0	0	0	0	0	10	0
University of New England	64	0	0	0	0	0	0	0	64	0	0	0
University of Sthrn Maine	776	0	0	0	0	300	0	0	313	0	137	26
Maryland, total	622,221	6,410	3,033	20,372	264,813	1,879	12,598	2,884	252,414	22,880	33,977	961
Allegany Community Col	89	0	0	0	0	0	0	0	0	0	89	0
Bowie State University	175	0	0	0	79	0	0	0	0	0	96	0
Charles County Cmty Col	10	0	0	0	0	0	0	0	0	10	0	0
Col of Notre Dame of MD	116	0	0	0	0	0	0	0	0	0	116	0
Columbia Union College	115	0	0	0	0	0	0	0	0	0	115	0
Coppin State College	25	0	0	0	0	0	0	0	25	0	0	0
Johns Hopkins University	490,893	365	318	6,421	263,091	1,879	4,825	820	197,220	5,639	10,080	235
Loyola College	522	0	0	3	0	0	0	0	0	0	519	0
Morgan State University	603	0	0	31	0	0	0	80	0	292	200	0
Prince Georges Cmty Col	48	0	0	0	0	0	0	0	0	0	48	0
Salisbury State College	98	0	0	0	0	0	0	0	0	0	98	0
St Mary's College of MD	165	0	0	0	0	0	0	0	0	0	165	0
Towson State University	340	0	0	0	0	0	0	0	0	0	340	0
U of MD Baltimore County	5,101	165	0	175	0	0	57	0	2,572	315	1,713	104
U of MD Center for EES	1,511	0	0	0	0	0	0	288	0	0	1,223	0
U of MD Eastern Shore	1,560	1,273	0	0	0	0	0	0	96	0	191	0
U of MD University Coll	152	0	0	152	0	0	0	0	0	0	0	0
Univ of Maryland Sys Off	392	24	0	0	0	0	120	0	233	0	0	15
Univ of MD Balt Prof Sch	48,125	35	0	728	0	0	0	343	46,290	0	729	0
Univ of MD College Park	72,115	4,548	2,715	12,862	1,643	0	7,596	1,353	5,978	16,624	18,189	607
Washington College	34	0	0	0	0	0	0	0	0	0	34	0
Western Maryland College	32	0	0	0	0	0	0	0	0	0	32	0
Massachusetts, total	698,515	17,216	2,768	98,468	10,352	9,461	73,528	6,619	311,822	37,658	123,035	7,588
Amherst College	618	0	0	0	0	0	0	0	351	0	267	0
Babson College	42	0	0	0	0	0	0	0	0	0	42	0
Bentley College	57	0	0	0	0	0	0	0	0	0	57	0
Boston College	16,698	0	0	3,459	0	0	10,209	104	1,792	171	818	145
Boston University	67,153	0	90	2,333	3,477	2,071	2,183	99	47,098	1,431	8,322	49
Brandeis University	19,672	270	0	164	0	66	861	0	14,150	484	3,677	0
Bridgewater State College	536	0	0	0	0	0	0	0	0	0	536	0
Clark University	1,812	0	0	277	0	0	87	177	227	0	544	500
Col of the Holy Cross	51	0	0	0	0	0	0	0	0	0	51	0
Emerson College	149	0	0	0	0	0	0	0	149	0	0	0
Endicott College	81	0	0	0	0	0	0	0	81	0	0	0
Hampshire College	292	0	0	0	0	0	0	0	99	0	193	0
Harvard University	161,719	344	0	4,663	916	500	5,459	1,529	121,506	7,311	18,190	1,301
Hellenic Col Holy Cross	88	0	0	0	0	0	0	0	88	0	0	0
Lesley College	832	0	0	0	0	432	0	0	0	0	400	0
Mass Inst of Technology	232,619	450	1,156	54,707	372	659	48,253	600	56,465	24,796	40,939	4,222
Mass State Col Sys Off	442	0	0	0	0	0	442	0	0	0	0	0
Merrimack College	8	0	0	0	0	0	0	0	0	0	8	0
Mount Holyoke College	895	0	0	0	0	29	110	0	42	48	666	0
Mount Wachusett Cmty Col	1	0	0	0	0	0	0	0	0	0	0	1
N E Col of Optometry	112	0	0	0	0	0	0	0	112	0	0	0
Northeastern University	12,154	200	0	1,934	111	0	588	100	4,273	65	4,883	0
Radcliffe College	712	0	0	524	0	0	0	0	188	0	0	0
Salem State College	25	0	0	0	0	0	0	0	25	0	0	0
Simmons College	793	0	0	0	0	0	0	0	318	0	475	0
Simon's Rock	25	0	0	0	0	0	0	0	25	0	0	0
Smith College	267	0	0	0	0	0	0	0	223	44	0	0
Tufts University	41,571	11,838	0	289	0	128	897	3,530	22,548	50	2,285	6
Univ of Mass	76,630	3,226	0	8,429	1,208	5,576	2,483	140	40,373	2,044	13,120	31

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Massachusetts, cont'd:												
Univ of Mass Dartmouth	901	718	0	0	0	0	0	0	0	0	183	0
Univ of Mass Lowell	4,173	0	0	1,219	733	0	353	145	297	191	1,235	0
Univ of Mass System Off	836	170	333	0	0	0	0	0	0	0	0	333
Wellesley College	1,235	0	0	93	0	0	0	0	568	77	497	0
Wentworth Inst of Tech	1,017	0	0	0	919	0	0	0	0	0	98	0
Western New England Col	56	0	0	0	0	0	0	0	0	0	56	0
Williams College	1,161	0	0	83	0	0	0	0	257	52	769	0
Woods Hole Ocngrphic Inst	50,891	0	1,189	19,964	2,488	0	1,266	0	347	721	23,916	1,000
Worcester Poly Institute	2,191	0	0	330	128	0	337	195	220	173	808	0
Michigan, total	313,736	14,424	1,324	20,233	1,301	3,463	12,756	2,796	176,936	22,723	54,577	3,203
Albion College	14	0	0	0	0	0	0	0	0	0	14	0
Alma College	39	0	0	0	0	0	0	0	0	0	39	0
Andrews University	92	0	0	0	0	0	0	0	0	0	92	0
Calvin College	237	0	0	32	0	0	0	0	0	0	205	0
Central Michigan Univ	38	3	0	0	0	0	0	0	0	0	35	0
Eastern Michigan Univ	638	0	0	0	0	35	0	0	503	0	100	0
Grand Valley State Univ	297	0	0	0	0	0	0	0	0	0	297	0
GMI Engr/Management Inst	106	0	0	0	0	0	0	0	0	0	106	0
Hope College	591	0	0	0	0	0	0	0	100	0	491	0
Kalamazoo College	175	0	0	0	0	0	0	0	131	0	44	0
Lawrence Technical Univ	58	0	0	0	0	0	0	0	0	0	58	0
Madonna College	155	0	0	0	0	0	0	0	0	0	155	0
Michigan State University	62,793	13,598	54	2,353	110	1,596	3,615	186	18,576	757	20,704	1,244
Michigan Tech University	5,708	299	0	1,534	924	0	349	121	198	195	1,654	434
Northern Michigan Univ	2	2	0	0	0	0	0	0	0	0	0	0
Oakland Community College	48	0	0	0	0	0	48	0	0	0	0	0
Oakland University	2,598	0	0	66	0	0	0	0	2,135	0	397	0
Saginaw Valley State Col	10,100	0	0	0	0	0	0	0	0	10,100	0	0
University of Detroit	203	0	0	76	0	0	0	0	0	0	127	0
University of Michigan	193,954	522	1,267	15,597	193	832	8,284	2,252	125,422	11,282	26,828	1,475
Wayne State University	33,280	0	0	429	74	0	266	0	29,469	187	2,805	50
Western Michigan Univ	2,610	0	3	146	0	1,000	194	237	402	202	426	0
Minnesota, total	173,099	9,033	597	11,193	141	9,292	5,473	1,560	104,880	3,354	26,324	1,252
Augsburg College	184	0	0	0	0	0	0	0	0	40	144	0
Bethel College & Seminary	6	0	0	0	0	0	0	0	0	0	6	0
Carleton College	521	90	0	0	0	0	0	0	155	27	249	0
Gustavus Adolphus College	27	0	0	0	0	0	0	0	0	0	27	0
Macalester College	424	0	0	0	0	0	0	0	0	0	424	0
Mankato State University	709	0	0	0	0	0	0	0	158	45	506	0
Moorhead State University	25	0	0	0	0	0	0	0	0	0	25	0
Southwest State Univ	69	0	0	0	0	0	0	0	0	0	69	0
St Cloud State University	286	0	71	0	0	50	0	0	0	0	165	0
St John's University	92	0	0	0	0	0	0	0	92	0	0	0
St Olaf College	550	0	0	0	0	0	0	0	0	0	550	0
St U Sys of Minn-Sys Off	1,058	0	0	0	0	0	0	0	750	0	308	0
Univ of Saint Thomas	157	0	0	0	0	0	0	0	0	0	157	0
University of Minnesota	168,962	8,943	526	11,193	141	9,242	5,473	1,560	103,725	3,242	23,665	1,252
Winona State University	29	0	0	0	0	0	0	0	0	0	29	0
Mississippi, total	42,970	12,181	655	2,559	0	1,067	8,700	524	8,340	1,172	5,975	1,797
Alcorn State University	1,819	1,819	0	0	0	0	0	0	0	0	0	0
Delta State University	53	53	0	0	0	0	0	0	0	0	0	0
Jackson State University	3,184	3	25	303	0	0	1,665	0	205	222	567	194
Miss-Ala Sea Grant Cnsrtm	915	0	413	0	0	0	0	0	0	0	502	0
Mississippi State Univ	21,115	8,497	0	469	0	757	6,727	0	575	910	2,988	192
Rust College	50	0	0	50	0	0	0	0	0	0	0	0
Univ of Sthn Mississippi	3,283	433	217	972	0	0	0	110	230	0	1,321	0
University of Mississippi	12,551	1,376	0	765	0	310	308	414	7,330	40	597	1,411

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Missouri, total	181,893	10,283	129	3,016	113	321	3,390	556	144,337	3,706	13,739	2,303
Avila College	62	0	0	0	0	0	0	0	10	0	50	2
Central Missouri St Univ	25	0	0	0	0	0	0	0	25	0	0	0
Drury College	10	0	0	0	0	0	0	0	0	0	10	0
Harris Stowe State Col	2	0	0	0	0	0	0	0	0	0	0	2
Kirksville Col Osteo Med	350	0	0	0	0	0	0	0	350	0	0	0
Lincoln University (MO)	1,909	1,903	0	0	0	0	0	0	0	0	0	6
Northeast Missouri St U	68	68	0	0	0	0	0	0	0	0	0	0
Southeast Missouri St U	3	0	0	0	0	0	0	0	0	0	3	0
Southwest Missouri St U	411	0	0	0	0	38	0	0	95	0	211	67
St Louis University	15,068	0	0	108	0	0	0	0	13,549	63	647	701
Univ of Missouri Columbia	26,537	7,754	0	319	0	0	1,333	436	13,508	74	3,038	75
Univ of Missouri Kan City	4,206	0	0	75	0	182	123	0	3,577	0	247	2
Univ of Missouri Rolla	4,602	0	0	632	0	0	386	0	197	340	1,849	1,198
Univ of Missouri St Louis	2,690	480	0	339	0	0	0	0	622	82	1,151	16
Univ of Missouri Sys Off	657	78	94	0	0	101	0	0	150	0	0	234
Washington University	125,282	0	35	1,543	113	0	1,548	120	112,243	3,147	6,533	0
William Woods College	11	0	0	0	0	0	0	0	11	0	0	0
Montana, total	16,216	4,322	0	179	0	669	256	1,001	2,240	468	6,539	542
Blackfeet Community Col	315	0	0	0	0	0	0	0	0	0	315	0
Dull Knife Memorial Col	165	0	0	0	0	165	0	0	0	0	0	0
Eastern Montana College	12	0	0	0	0	0	0	0	0	0	0	12
Little Big Horn College	146	0	0	0	0	146	0	0	0	0	0	0
Mont Col Mnrl Sci & Tech	415	0	0	0	0	0	0	211	0	0	56	148
Montana State University	11,518	3,590	0	179	0	81	156	663	1,275	173	5,222	179
Salish Kootenai Cmty Col	194	0	0	0	0	194	0	0	0	0	0	0
University of Montana	3,451	732	0	0	0	83	100	127	965	295	946	203
Nebraska, total	42,824	7,618	310	1,420	95	0	6,528	158	15,513	695	7,316	3,171
College of St Mary	2	0	0	0	0	0	0	0	0	0	0	2
Creighton University	3,329	0	0	93	0	0	65	0	3,171	0	0	0
Nebraska Wesleyan Univ	150	0	0	0	0	0	0	0	0	0	150	0
Peru State College	31	0	0	0	0	0	0	0	31	0	0	0
U of Neb Med Ctr at Omaha	9,814	0	0	0	0	0	0	0	9,704	0	110	0
U Neb Ctrl Admin Sys Off	303	246	0	0	0	0	0	0	0	0	0	57
Univ of Nebraska-Kearney	380	0	0	0	0	0	0	0	0	0	380	0
Univ of Nebraska-Lincoln	28,232	7,372	310	1,327	95	0	6,263	158	2,385	695	6,542	3,085
Univ of Nebraska-Omaha	583	0	0	0	0	0	200	0	222	0	134	27
Nevada, total	18,611	1,761	611	127	0	0	1,468	5,024	3,876	423	3,279	2,042
Desert Research Institute	2,370	49	379	36	0	0	135	685	0	171	915	0
U of Nev Sys Adm Sys Off	1,590	0	232	0	0	0	0	0	0	0	653	705
Univ of Nevada - Reno	10,667	1,712	0	91	0	0	1,233	856	3,876	250	1,451	1,198
Univ of Nevada Las Vegas	3,984	0	0	0	0	0	100	3,483	0	2	260	139
New Hampshire, total	55,501	2,005	691	2,839	0	0	1,496	867	31,301	8,853	6,969	480
Dartmouth College	36,042	251	0	2,369	0	0	920	0	29,164	970	2,310	58
Keene State College	6	0	0	0	0	0	0	0	0	0	0	6
St Anselm College	16	0	0	0	0	0	0	0	16	0	0	0
Univ of New Hampshire	19,161	1,754	691	470	0	0	576	867	1,845	7,883	4,659	416
Univ Sys of N Hamp Sys Of	276	0	0	0	0	0	0	0	276	0	0	0
New Jersey, total	150,569	4,848	1,125	20,491	96	1,200	7,400	3,403	73,585	5,410	32,349	662
Drew University	136	0	0	0	0	0	0	0	106	0	30	0
Kean Col of New Jersey	10	0	0	0	0	0	0	0	0	0	10	0
Middlesex County College	25	0	0	0	0	0	0	25	0	0	0	0
Monmouth College (NJ)	3	0	0	0	0	0	0	0	0	0	3	0
N J Inst of Technology	3,150	0	0	337	0	0	165	1,673	0	31	835	109
Princeton Theol Sem	125	0	0	125	0	0	0	0	0	0	0	0
Princeton University	51,233	0	7	8,819	0	0	6,053	620	14,280	3,996	17,150	308
Rider College	63	0	0	0	0	0	0	0	0	63	0	0
Rutgers the St Univ of NJ	45,852	4,563	1,118	3,486	0	1,000	863	489	20,290	984	12,814	245
Seton Hall University	318	0	0	0	0	0	0	0	318	0	0	0
Stevens Institute of Tech	8,031	0	0	7,244	96	0	0	31	0	62	598	0
Trenton State College	18	0	0	0	0	0	0	0	0	0	18	0
Union Cnty Tech Institute	77	0	0	0	0	0	0	0	0	0	77	0
Univ of Med & Dent of N J	41,485	250	0	480	0	200	319	545	38,591	274	806	0
Upsala College	20	0	0	0	0	0	0	20	0	0	0	0
William Paterson College	43	35	0	0	0	0	0	0	0	0	8	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
New Mexico, total	80,720	3,276	76	8,900	18,295	762	3,230	710	14,744	21,901	8,279	547
Eastern New Mexico Univ	139	0	0	110	0	0	0	0	0	0	29	0
N Mex Inst Mining & Tech	4,836	0	0	2,422	-88	0	1,181	360	0	97	716	148
New Mexico Highlands Univ	325	0	0	0	0	0	0	0	55	42	228	0
New Mexico State Univ	42,903	3,271	76	1,911	11,290	0	358	160	2,029	20,938	2,594	276
San Juan College	37	0	0	0	0	0	0	0	0	0	0	37
Santa Fe Community Col	5	5	0	0	0	0	0	0	0	0	0	0
University of New Mexico	32,446	0	0	4,457	7,093	762	1,691	190	12,660	824	4,683	86
Western New Mexico Univ	29	0	0	0	0	0	0	0	0	0	29	0
New York, total	917,093	14,827	2,283	57,240	3,704	5,387	46,159	4,954	607,557	22,453	148,946	3,583
Adelphi University	100	0	0	0	0	0	0	0	100	0	0	0
Albany Medical College	6,689	0	0	0	0	0	0	0	6,689	0	0	0
Alfred University	349	0	0	109	0	0	49	0	0	0	191	0
Bank Street Col of Ed	1,736	0	0	0	0	1,200	0	0	0	0	536	0
Barnard College	675	0	0	15	0	0	0	0	521	0	139	0
Canisius College	319	0	0	0	0	0	0	0	96	0	223	0
Clarkson University	5,497	0	64	1,431	0	0	699	45	202	1,601	1,455	0
Colgate University	711	0	0	0	0	0	0	0	158	0	553	0
College of New Rochelle	394	0	0	0	0	0	0	0	0	0	394	0
Columbia U Teachers Col	758	0	0	33	0	76	0	0	0	0	649	0
Columbia Univ Main Div	134,329	0	761	8,128	30	175	7,191	660	109,580	6,295	0	1,509
Columbia Univ Sys Off	35,282	0	0	0	0	0	0	0	618	0	34,532	132
Cornell University	156,151	12,465	307	16,894	0	0	4,921	752	68,705	5,263	46,650	194
CUNY Bernard Baruch Col	40	10	0	0	0	0	0	0	0	0	30	0
CUNY Brooklyn College	1,257	0	0	0	0	0	0	0	463	50	744	0
CUNY Central Sys Off	2,520	0	0	0	0	0	461	0	250	132	682	995
CUNY City College	10,806	0	0	415	0	0	344	0	4,133	272	5,592	50
CUNY Col Staten Island	434	0	0	0	0	0	33	0	134	0	267	0
CUNY Grad Sch & Univ Ctr	3,844	0	0	1,601	0	0	0	0	1,922	0	321	0
CUNY H.H. Lehman Coll	1,021	0	0	0	0	0	0	0	119	0	902	0
CUNY Hunter College	4,810	0	0	179	0	0	40	0	4,068	0	523	0
CUNY Jhn Jay Col Crim Jus	138	0	0	0	0	0	0	0	138	0	0	0
CUNY Mount Sinai Schl Med	50,037	0	0	0	0	641	176	0	48,356	355	509	0
CUNY NY City Tech Col	111	0	0	0	0	0	0	0	0	0	111	0
CUNY Queens College	2,044	0	0	28	0	0	257	0	1,226	0	533	0
CUNY York College	30	0	0	0	0	0	0	0	0	0	30	0
Fordham University	1,383	0	0	0	0	99	0	0	992	0	292	0
Hamilton College	288	0	0	0	0	0	0	0	0	0	288	0
Hartwick College	138	0	0	0	0	0	0	0	79	0	59	0
Hofstra University	284	0	0	10	0	0	0	0	139	86	49	0
Iona College	58	0	0	0	0	0	0	0	0	0	58	0
Ithaca College	380	0	0	0	0	0	0	0	0	0	380	0
Long Island University	283	0	0	0	0	0	0	0	0	0	283	0
Manhattan College	528	0	0	0	0	0	45	456	0	0	27	0
N Y Col of Podiatric Med	45	0	0	0	0	0	0	0	45	0	0	0
Nazareth Col of Rochester	25	0	0	0	0	0	0	0	25	0	0	0
New Sch for Soc Research	306	0	0	0	0	0	0	0	187	0	119	0
New York Inst Technology	53	0	0	53	0	0	0	0	0	0	0	0
New York Medical College	11,452	0	0	0	0	0	0	0	11,252	0	200	0
New York University	86,150	0	0	5,673	687	110	3,522	927	69,548	301	5,382	0
Pace University	242	0	0	0	0	0	0	0	242	0	0	0
Polytechnic University	3,826	0	0	2,083	100	0	187	0	0	172	1,284	0
Pratt Institute	70	0	0	0	0	0	0	0	0	0	70	0
Rensselaer Polytech Inst	20,073	40	300	5,012	400	0	2,386	185	1,779	2,998	6,495	478
Rochester Inst Technology	1,881	0	0	55	0	1,600	0	0	66	106	54	0
Rockefeller University	39,718	0	0	249	0	0	1,082	0	37,434	0	953	0
Russell Sage College	96	0	0	0	0	0	0	0	96	0	0	0
Sarah Lawrence College	26	0	0	0	0	0	0	0	0	0	26	0
Skidmore College	97	0	0	0	0	0	0	0	97	0	0	0
St John's University (NY)	855	0	0	0	0	0	0	0	851	0	4	0
St Lawrence University	8	8	0	0	0	0	0	0	0	0	0	0
Syracuse University	13,726	0	0	586	436	460	1,278	254	6,747	104	3,795	66

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
New York, cont'd:												
SUNY - Hlth Sci Brooklyn	14,128	0	0	0	0	0	0	0	13,956	0	172	0
SUNY - Hlth Sci Syracuse	10,540	0	0	0	0	0	338	0	9,889	0	313	0
SUNY at Albany	14,429	805	0	636	0	700	1,123	410	7,149	571	3,035	0
SUNY at Binghamton	2,896	0	0	77	0	0	219	0	1,010	184	1,406	0
SUNY at Buffalo All Cmps	39,895	734	0	6,330	0	0	658	1,170	25,462	531	4,992	18
SUNY at Stony Brook	50,403	0	0	433	0	0	3,681	95	30,337	1,760	14,097	0
SUNY Ag & Tech Cobleskill	62	0	0	0	0	0	0	0	0	0	62	0
SUNY Col at Old Westbury	270	0	0	0	0	0	0	0	240	0	30	0
SUNY Col of Env Sci & For	625	625	0	0	0	0	0	0	0	0	0	0
SUNY College at Purchase	123	0	0	0	0	0	0	0	0	45	78	0
SUNY College Brockport	174	0	0	0	0	0	0	0	0	0	174	0
SUNY College Buffalo	1,092	0	0	970	0	0	0	0	0	122	0	0
SUNY College Cortland	182	0	0	114	0	0	0	0	0	0	68	0
SUNY College Fredonia	627	0	0	0	0	0	0	0	0	0	627	0
SUNY College Geneseo	163	0	0	0	0	0	0	0	0	0	163	0
SUNY College New Paltz	21	0	0	0	0	0	0	0	0	0	21	0
SUNY College Oswego	279	0	0	0	0	0	0	0	0	11	268	0
SUNY College Plattsburgh	271	0	0	0	0	0	0	0	122	30	119	0
SUNY College Potsdam	167	0	0	0	0	0	0	0	0	0	167	0
SUNY Erie CC North Cam	99	0	0	0	0	0	0	0	0	0	0	0
SUNY Fashion Inst Tech	42	0	0	0	41	0	99	0	0	0	0	1
SUNY Inst Tech Utica-Rome	94	0	0	0	0	0	0	0	0	0	94	0
SUNY St Col of Optometry	87	0	0	0	0	0	0	0	87	0	0	0
SUNY System Office	2,128	0	851	687	0	0	0	0	0	0	450	140
Union College (NY)	242	0	0	0	0	0	0	0	0	0	242	0
University of Rochester	103,510	140	0	5,204	2,010	170	17,370	0	70,549	1,464	6,603	0
Vassar College	356	0	0	0	0	0	0	0	258	0	98	0
Yeshiva University	72,115	0	0	235	0	156	0	0	71,441	0	283	0
North Carolina, total	340,513	13,987	2,395	17,603	965	3,849	7,064	8,315	242,252	5,713	31,772	6,598
Appalachian St University	378	0	0	0	0	0	0	100	87	23	168	0
Bennett College (NC)	90	0	0	0	0	0	0	0	90	0	0	0
Davidson College	244	0	0	0	0	0	0	0	0	0	244	0
Duke University	128,098	464	221	4,493	466	0	3,861	1,915	105,862	557	10,095	164
East Carolina University	3,927	0	99	534	0	0	0	0	3,078	0	216	0
Elizabeth City State Univ	29	0	0	29	0	0	0	0	0	0	0	0
Haywood Community College	4	4	0	0	0	0	0	0	0	0	0	0
Johnson C Smith Univ	11	0	0	0	0	0	11	0	0	0	0	0
N C State Univ at Raleigh	43,697	10,098	713	5,915	225	500	1,876	1,671	5,392	3,460	9,131	4,716
North Carolina Cntrl Univ	411	17	0	339	0	0	0	50	0	0	5	0
NC Ag & Tech State Univ	5,955	2,795	0	1,172	204	0	160	75	115	1,018	266	150
Shaw University	32	20	0	0	0	0	0	0	0	0	12	0
Univ of N C at Asheville	144	4	0	0	0	0	0	0	0	0	140	0
Univ of N C at Charlotte	1,837	0	43	483	70	0	96	0	62	79	1,004	0
Univ of N C at Greensboro	5,646	143	0	0	0	3,349	0	0	1,235	10	909	0
Univ of N C at Wilmington	1,512	0	855	0	0	0	0	0	137	0	520	0
Univ of N C Sys Off	1,773	80	125	0	0	0	0	0	0	0	0	1,568
Univ of NC at Chapel Hill	111,501	362	100	4,446	0	0	1,017	4,504	92,083	304	8,685	0
Wake Forest University	35,224	0	239	192	0	0	43	0	34,111	262	377	0
North Dakota, total	18,666	6,661	0	184	230	222	6,838	0	1,790	31	1,410	1,300
North Dakota State Univ	8,346	5,553	0	114	230	0	85	0	104	0	1,108	1,152
Standing Rock College	172	0	0	0	0	172	0	0	0	0	0	0
Turtle Mountain Comm Col	50	0	0	0	0	50	0	0	0	0	0	0
University of N Dakota	10,098	1,108	0	70	0	0	6,753	0	1,686	31	302	148

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Ohio, total	291,113	10,071	744	32,438	3,364	558	15,912	5,608	159,812	20,767	33,484	8,355
Baldwin-Wallace College	14	0	0	0	0	0	0	0	0	14	0	0
Bowling Green State Univ	1,589	0	0	153	0	0	0	0	769	0	667	0
Case Western Reserve Univ	87,747	380	0	2,607	0	510	10,232	117	62,596	6,605	4,700	0
Central State University	441	0	0	0	267	0	17	0	90	0	67	0
Cleveland State Univ	4,682	0	0	0	0	0	0	0	1,519	3,141	0	22
College of Wooster	143	0	0	0	0	0	0	0	0	0	143	0
Cuyahoga Cmty College	112	0	0	0	0	0	0	0	0	20	92	0
Denison University	131	0	0	0	0	0	49	0	82	0	0	0
Heidelberg College	18	0	18	0	0	0	0	0	0	0	0	0
Hocking Technical College	150	0	0	0	0	0	0	0	150	0	0	0
John Carroll University	307	0	0	0	0	0	0	0	0	230	77	0
Kent State University	5,342	0	12	716	0	0	147	0	1,369	395	2,703	0
Kenyon College	81	0	0	0	0	0	0	0	0	9	72	0
Lorain County Cmty Col	61	0	0	0	0	0	0	0	0	61	0	0
Marietta College	80	0	0	0	0	0	0	0	0	0	80	0
Med Col of Ohio at Toledo	7,573	0	0	0	0	0	0	250	7,172	0	151	0
Miami University (Ohio)	3,281	295	0	185	0	0	43	360	428	49	1,921	0
Muskingum Area Tech Col	32	0	0	0	0	0	0	0	0	0	32	0
Notre Dame College (OH)	102	0	0	0	0	0	0	0	0	0	102	0
NE Ohio Univs Col of Med	752	0	0	0	0	0	0	0	727	0	25	0
Oberlin College	506	0	0	0	0	0	0	0	70	0	436	0
Ohio State University	82,106	9,014	648	3,969	279	0	4,029	1,265	35,332	5,546	15,824	6,200
Ohio University	5,020	170	0	725	0	0	491	0	609	461	656	1,908
Ohio Wesleyan University	136	0	0	136	0	0	0	0	0	0	0	0
University of Akron	2,763	0	0	61	0	0	176	149	446	1,054	877	0
University of Cincinnati	51,490	206	0	2,663	0	48	401	2,875	41,267	1,522	2,508	0
University of Dayton	23,809	0	66	19,390	2,578	0	0	455	136	127	832	225
University of Toledo	3,392	0	0	149	0	0	142	0	1,227	1,455	419	0
Wilberforce University	6	6	0	0	0	0	0	0	0	0	0	0
Wright State University	9,062	0	0	1,684	240	0	0	137	5,823	78	1,100	0
Xavier University	185	0	0	0	0	0	185	0	0	0	0	0
Oklahoma, total	33,148	7,110	621	1,562	2,738	0	2,141	1,229	12,184	226	4,584	753
East Central University	170	0	0	0	0	0	0	170	0	0	0	0
Eastern Okla State Col	20	20	0	0	0	0	0	0	0	0	0	0
Langston University	1,851	1,844	0	0	0	0	7	0	0	0	0	0
Oklahoma State University	12,434	5,121	5	1,002	2,738	0	220	618	957	0	1,389	384
Redlands Cmty Col	5	5	0	0	0	0	0	0	0	0	0	0
Southeastern Okla St Univ	9	0	0	9	0	0	0	0	0	0	0	0
University of Oklahoma	17,590	120	616	551	0	0	1,669	441	10,972	226	2,626	369
University of Tulsa	1,069	0	0	0	0	0	245	0	255	0	569	0
Oregon, total	124,453	10,647	2,387	8,267	0	2,285	17,259	3,220	49,566	2,760	22,134	5,928
Lewis & Clark College	17	0	0	0	0	0	0	0	0	0	17	0
Linfield College	174	0	0	174	0	0	0	0	0	0	0	0
Nat Col of Natur Medicine	2,018	0	0	0	0	0	0	0	2,018	0	0	0
Oregon Grad Inst Sci Tech	4,856	357	0	759	0	0	505	456	490	0	1,246	1,043
Oregon Hlth Sciences Univ	43,481	0	0	623	0	0	12,428	0	29,969	0	461	0
Oregon Institute of Tech	262	0	0	0	0	0	262	0	0	0	0	0
Oregon State University	51,297	10,187	2,387	5,744	0	0	1,499	2,734	7,896	2,440	13,686	4,724
Portland State University	1,991	0	0	0	0	817	90	0	343	0	690	51
Reed College	316	0	0	0	0	0	41	0	92	38	145	0
Southern Oregon St Col	19	0	0	0	0	0	0	0	0	0	19	0
University of Oregon Main	19,750	103	0	967	0	1,468	2,434	30	8,508	282	5,848	110
Western Oregon State Coll	250	0	0	0	0	0	0	0	250	0	0	0
Willamette University	22	0	0	0	0	0	0	0	0	0	22	0
Pennsylvania, total	651,078	9,596	659	115,264	51,241	6,815	19,487	4,744	347,055	15,436	76,102	4,879
Allegheny College	883	0	0	0	0	0	50	0	100	0	733	0
Bloomsburg Univ of Penn	29	0	0	0	0	0	0	0	0	0	29	0
Bryn Mawr College	840	0	0	0	0	0	0	0	630	0	210	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Pennsylvania, cont'd:												
Bucknell University	499	0	0	0	0	0	0	0	129	0	370	0
Bucks County Cmty Col	1	0	0	0	0	0	0	0	0	0	0	1
Carnegie-Mellon Univ	50,167	0	99	16,806	1,481	0	3,284	389	7,638	3,040	17,153	277
Dickinson College	256	0	0	0	0	0	0	0	101	0	155	0
Drexel University	7,309	80	83	1,447	56	0	295	404	1,672	653	2,619	0
Duquesne University	529	0	0	0	0	0	0	0	529	0	0	0
Edinboro Univ of Penn	83	0	0	0	0	0	0	0	83	0	0	0
Elizabethtown College	66	0	0	0	0	66	0	0	0	0	0	0
Franklin & Marshall Col	713	0	0	0	0	0	0	0	0	0	713	0
Gettysburg College	29	0	0	0	0	0	0	0	0	0	29	0
Hahnemann University	10,327	0	0	644	0	0	0	0	9,683	0	0	0
Haverford College	699	0	0	0	0	0	0	0	0	16	683	0
Indiana Univ of Penn	112	0	0	0	0	0	0	0	0	0	112	0
Juniata College	146	0	0	0	0	0	0	0	0	0	146	0
King's College (PA)	58	0	0	0	0	0	0	0	0	0	58	0
La Salle University	77	0	0	77	0	0	0	0	0	0	0	0
Lafayette College	223	0	0	20	0	0	0	0	0	0	203	0
Lebanon Valley College	53	0	0	0	0	0	0	0	0	0	53	0
Lehigh University	36,265	66	203	26,310	127	0	1,817	111	696	278	6,597	60
Lincoln University (PA)	525	0	0	436	0	0	0	0	0	0	84	5
Medical Col of Penn	17,568	0	0	97	0	0	0	0	17,385	0	86	0
Millersville Univ of Penn	208	0	0	0	0	0	0	0	0	0	208	0
Pennsylvania Col Optomet	398	0	0	0	0	0	0	0	398	0	0	0
Pennsylvania State Univ	144,400	9,066	206	30,171	28,570	1,827	5,542	1,313	35,296	10,042	17,932	4,435
Phila Col of Pharm & Sci	287	0	0	0	0	0	0	0	274	13	0	0
Phila Col Osteopathic Med	2	0	0	0	0	0	0	0	2	0	0	0
Shippensburg Univ of Penn	13	0	0	0	0	0	0	0	0	0	13	0
St Vincent Col and Sem	10	10	0	0	0	0	0	0	0	0	0	0
Susquehanna University	56	0	0	0	0	0	0	0	0	28	28	0
Swarthmore College	885	0	0	0	0	0	0	0	229	39	617	0
Temple University	22,995	0	0	0	0	800	342	403	19,785	0	1,665	0
Thomas Jefferson Univ	26,068	0	0	62	0	969	0	0	24,866	0	171	0
Univ of Pennsylvania	169,352	334	45	20,841	0	1,652	5,783	0	123,542	120	17,035	0
University of Pittsburgh	147,757	40	23	8,353	21,007	1,301	2,374	2,124	103,668	1,109	7,657	101
University of Scranton	10,076	0	0	10,000	0	0	0	0	0	0	76	0
Villanova University	935	0	0	0	0	0	0	0	271	98	566	0
West Chester Univ of Penn	58	0	0	0	0	0	0	0	0	0	58	0
Widener University	88	0	0	0	0	0	0	0	78	0	10	0
Wilkes University	33	0	0	0	0	0	0	0	0	0	33	0
Rhode Island, total	55,243	1,623	2,142	9,510	0	95	2,835	586	18,227	2,008	16,891	1,326
Brown University	36,015	190	130	7,069	0	0	2,720	0	14,441	1,150	10,146	169
Providence College	65	0	0	0	0	0	0	0	0	0	65	0
Univ of Rhode Island	19,163	1,433	2,012	2,441	0	95	115	586	3,786	858	6,680	1,157
South Carolina, total	54,996	7,021	647	2,774	1,060	113	8,613	1,066	23,827	1,214	7,797	864
Claflin College	151	0	0	0	0	0	100	0	51	0	0	0
Clemson University	13,917	5,290	66	1,855	1,060	0	720	527	581	914	2,349	555
College of Charleston	168	0	0	13	0	0	0	0	0	42	113	0
Francis Marion College	94	0	0	0	0	0	0	0	0	0	94	0
Furman University	215	5	0	0	0	0	0	0	0	0	210	0
Med Univ of So Carolina	22,334	9	133	0	0	113	6,590	0	15,324	0	165	0
South Carolina St College	1,839	1,593	0	200	0	0	46	0	0	0	0	0
SC Sea Grant Consortium	313	0	313	0	0	0	0	0	0	0	0	0
Univ of South Carolina	15,787	124	135	706	0	0	979	539	7,871	258	4,866	309
York Technical College	178	0	0	0	0	0	178	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
South Dakota, total	6,705	2,803	0	207	0	89	100	118	669	453	1,945	321
Augustana College	135	0	0	0	0	0	0	0	64	0	71	0
Dakota State University	24	0	0	0	0	0	0	0	0	0	24	0
S Dak Sch Mines & Tech	2,552	0	0	147	0	0	0	50	0	433	1,774	148
Sisseton-Wahpeton Cmty C	89	0	0	0	0	89	0	0	0	0	0	0
South Dakota State Univ	3,164	2,803	0	0	0	0	100	68	6	0	76	111
Univ of South Dakota	741	0	0	60	0	0	0	0	599	20	0	62
Tennessee, total	148,877	8,814	0	8,183	520	431	12,701	700	100,105	5,448	10,203	1,772
Austin Peay State Univ	35	0	0	35	0	0	0	0	0	0	0	0
Belmont College	22	0	0	0	0	0	0	0	0	0	22	0
East Tennessee State Univ	1,736	100	0	0	0	0	0	0	893	0	743	0
Fisk University	705	0	0	0	0	0	126	25	0	404	0	150
Le Moyne-Owen College	62	0	0	0	0	0	0	0	50	0	12	0
Meharry Medical College	8,728	0	0	590	0	0	0	221	6,320	0	1,597	0
Memphis State University	4,225	185	0	324	0	0	116	0	2,119	100	241	1,140
Middle Tennessee St Univ	45	0	0	0	0	0	45	0	0	0	0	0
Rhodes College	69	0	0	0	0	0	0	0	0	0	69	0
Southern Col of Optometry	61	0	0	0	0	0	0	0	61	0	0	0
Tenn Technological Univ	745	0	0	0	0	0	131	121	104	70	248	71
Tennessee State Univ	5,467	2,623	0	50	148	0	0	0	1,581	378	687	0
Univ of Tenn System Off	318	164	0	0	0	0	0	0	25	0	0	129
Univ of Tennessee All Cmp	50,204	5,677	0	1,941	372	288	11,576	258	23,518	1,906	4,479	189
University of the South	18	0	0	0	0	0	0	0	0	0	18	0
Vanderbilt University	76,437	65	0	5,243	0	143	707	75	65,434	2,590	2,087	93
Texas, total	516,679	24,015	1,166	34,566	26,791	2,256	25,148	9,117	302,554	32,528	52,021	6,517
Abilene Christian Univ	88	0	0	0	0	0	88	0	0	0	0	0
Alamo Cmty Col Dist	1	0	0	0	0	0	0	0	0	0	0	1
Baylor Col of Dentistry	516	0	0	200	0	0	0	0	316	0	0	0
Baylor Col of Medicine	82,849	8,617	103	660	0	884	951	192	69,917	696	829	0
Baylor University	1,069	0	0	60	0	0	0	0	958	51	0	0
Concordia Lutheran Col	146	0	0	0	0	0	0	0	0	0	146	0
Del Mar College	68	0	0	0	0	0	0	0	0	0	68	0
Galveston College	20	0	0	0	0	0	0	0	0	0	20	0
Jarvis Christian College	172	0	0	125	0	0	0	0	47	0	0	0
Lamar University - Beaumo	3,510	0	0	0	0	0	0	2,790	0	167	553	0
Midwestern State Univ	33	0	0	0	0	0	0	0	0	0	33	0
Parker Coll of Chiropract	4,071	0	0	0	0	0	0	0	4,071	0	0	0
Prairie View A & M Univ	3,472	2,457	0	0	0	0	260	0	0	355	300	100
Rice University	16,052	120	48	2,561	0	0	2,229	569	2,869	1,844	5,769	43
Richland College	1	0	0	0	0	0	0	0	0	0	0	1
Sam Houston State Univ	25	25	0	0	0	0	0	0	0	0	0	0
Southern Methodist Univ	5,139	0	0	2,583	0	0	188	0	845	141	1,382	0
Southwest Texas St Univ	1,256	0	0	0	0	666	0	29	494	50	17	0
Southwestern Univ (TX)	35	0	0	10	0	0	0	0	25	0	0	0
St Edward's University	55	0	0	0	0	0	0	0	25	0	30	0
Stephen F Austin St Univ	230	230	0	0	0	0	0	0	0	0	0	0
Tarleton State University	33	0	0	0	0	0	0	24	0	0	9	0
Texas A & I University	196	0	0	0	0	0	0	0	0	196	0	0
Texas A & M Univ Sys Off	2,901	494	0	0	0	0	0	0	129	328	0	1,950
Texas A & M University	52,367	10,764	975	4,994	423	81	4,392	958	10,793	4,284	14,247	456
Texas Christian Univ	2,710	0	0	37	0	0	0	0	2,499	0	174	0
Texas Col of Osteo Med	2,641	0	0	0	0	0	0	0	2,460	51	130	0
Texas Southern Univ	1,918	0	0	0	0	0	39	87	1,477	275	40	0
Texas Tech University	7,540	589	0	1,180	192	0	164	1,088	2,287	240	1,744	56
Texas Woman's University	481	0	0	0	0	177	0	0	304	0	0	0
Trinity University	635	0	0	0	0	0	0	0	313	0	322	0
U of Houston Downtown Col	1,161	0	0	25	0	0	986	150	0	0	0	0
U of Houston Sys Off	71	46	10	0	0	0	0	0	0	0	0	15
U of Houston Univ Park	17,629	75	0	998	36	0	1,144	0	4,657	6,624	4,095	0

See explanatory information, if any, and SOURCE at end of table.

BEST COPY AVAILABLE

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD re-search 1/	DoD devel-opment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Texas, cont'd:												
U of Texas at San Antonio	1,769	0	0	70	0	0	0	0	266	161	1,272	0
U of TX - Pan America	297	0	0	88	0	0	0	0	0	209	0	0
U Tex Hlth Sci Ctr Houstn	33,381	0	0	209	0	0	411	150	31,920	529	130	32
U Tex Hlth Sci Ctr S Anto	36,999	322	0	742	0	0	0	0	35,623	63	249	0
U Tex Med Brnch Galveston	25,272	0	0	432	0	0	209	163	23,938	358	172	0
U Tex Sw Med Ctr - Dallas	55,878	0	0	125	0	0	139	0	53,939	1,316	359	0
U TX MD Anderson Cncr Ctr	34,693	0	0	0	0	0	0	69	34,534	0	90	0
Univ of North Texas	1,781	0	0	432	0	131	0	211	482	0	525	0
Univ of Tex at Arlington	2,282	0	0	871	140	0	0	35	93	25	1,118	0
Univ of Texas at Austin	95,063	276	0	16,929	25,960	0	13,807	702	13,556	6,474	14,142	3,217
Univ of Texas at Dallas	4,825	0	0	735	0	0	141	0	1,560	1,297	1,092	0
Univ of Texas at El Paso	6,067	0	0	500	40	0	0	1,900	505	298	2,525	299
Univ of Texas System Off	2,029	0	30	0	0	0	0	0	1,652	0	0	347
Univ Houstn Clr Lake City	6,496	0	0	0	0	0	0	0	0	6,496	0	0
University of Dallas	698	0	0	0	0	317	0	0	0	0	381	0
Wiley College	58	0	0	0	0	0	0	0	0	0	58	0
Utah, total	129,587	2,682	82	14,662	31,854	448	6,421	613	53,501	1,801	15,129	2,394
Brigham Young University	5,215	6	0	353	0	192	562	199	958	123	2,772	50
Snow College	28	0	0	0	0	0	0	0	0	0	28	0
University of Utah	70,877	40	82	3,248	294	86	4,760	162	49,174	722	10,514	1,795
Utah State University	53,430	2,636	0	11,061	31,560	170	1,099	252	3,369	936	1,801	546
Utah Valley Comm Col	20	0	0	0	0	0	0	0	0	20	0	0
Weber State University	3	0	0	0	0	0	0	0	0	0	0	3
Westminster College (UT)	14	0	0	0	0	0	0	0	0	0	14	0
Vermont, total	37,872	4,318	0	177	154	1,062	630	582	28,294	117	2,380	158
Johnson State College	12	0	0	0	0	0	0	0	0	0	12	0
Lyndon State College	13	13	0	0	0	0	0	0	0	0	0	0
Middlebury College	222	0	0	60	0	0	0	0	0	67	95	0
Norwich University	44	0	0	0	0	0	0	0	0	25	19	0
Univ of VT & St Agric Col	37,294	4,305	0	117	154	1,062	630	295	28,294	25	2,254	158
Vermont Law School	287	0	0	0	0	0	0	287	0	0	0	0
Virginia, total	181,418	8,416	2,306	14,588	1,604	2,244	9,383	1,070	91,905	17,821	20,458	11,623
College of William & Mary	5,662	0	1,135	270	0	0	261	120	344	1,659	1,821	52
Eastern VA Medical School	9,280	0	0	0	0	0	0	0	2,066	224	0	6,990
Ferrum College	235	0	0	0	0	0	0	0	0	0	235	0
George Mason University	5,199	0	173	2,321	533	82	0	0	483	194	1,046	367
Hampden-Sydney College	57	0	0	0	0	0	0	0	0	26	31	0
Hampton University	5,672	0	0	1,434	0	0	231	0	304	2,071	1,562	70
James Madison University	252	0	0	0	0	0	0	0	183	0	69	0
Longwood College	45	0	0	0	0	0	0	0	0	45	0	0
Mountain Empire Cmty Col	31	0	0	0	0	0	0	0	0	0	31	0
Norfolk State University	209	0	0	0	0	0	109	0	0	100	0	0
Old Dominion University	6,454	0	0	731	0	0	221	0	286	3,864	1,352	0
Radford University	10	0	0	0	0	0	0	0	0	0	10	0
Thomas Nelson Cmty Col	104	4	0	0	0	0	0	0	0	100	0	0
University of Richmond	288	0	0	0	0	0	88	0	73	55	72	0
University of Virginia	66,916	100	888	5,877	768	1,430	2,648	295	41,250	4,134	8,464	1,062
Virginia Commonwlth Univ	46,324	0	0	316	0	660	216	112	44,129	452	439	0
Virginia Military Inst	73	0	25	0	0	0	0	0	0	0	48	0
Virginia State University	2,348	1,862	0	0	97	0	86	0	0	253	50	0
VA Polytech Inst & St U	32,033	6,450	85	3,639	206	72	5,523	543	2,761	4,644	5,028	3,082
Washington & Lee Univ	226	0	0	0	0	0	0	0	26	0	200	0
Washington, total	272,682	11,503	3,209	23,224	8,472	126	8,930	1,748	166,573	7,033	38,444	3,420
Central Washington Univ	73	0	0	25	0	0	0	0	0	0	48	0
Eastern Washington Univ	242	0	0	0	0	0	0	0	76	91	7	68
Everett Community College	2	0	0	0	0	0	0	0	0	0	0	2
Evergreen State College	89	0	0	0	0	0	0	0	0	0	89	0
Gonzaga University	233	0	0	0	0	0	0	0	0	0	233	0
Northwest Indian College	7	0	0	0	0	0	0	0	0	0	7	0
Olympic College	1	0	0	0	0	0	0	0	0	0	0	1
University of Puget Sound	172	0	0	0	0	0	0	0	94	17	61	0
University of Washington	245,288	3,104	3,209	21,724	8,434	126	6,852	1,162	158,504	6,805	32,151	3,217
Walla Walla College	25	0	0	0	0	0	0	0	25	0	0	0
Washington State Univ	25,508	8,380	0	1,288	38	0	2,063	531	7,693	120	5,263	132
Western Washington Univ	724	19	0	122	0	0	0	55	83	0	445	0
Whitman College	110	0	0	65	0	0	15	0	0	0	30	0
Whitworth College	208	0	0	0	0	0	0	0	98	0	110	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD re-search 1/	DoD devel-opment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
West Virginia, total	33,711	4,621	0	391	0	0	15,326	1,241	5,660	1,807	1,809	2,856
Beckley College	896	0	0	0	0	0	896	0	0	0	0	0
Bluefield State College	60	0	0	0	0	0	0	0	0	0	0	60
Davis & Elkins College	5	5	0	0	0	0	0	0	0	0	0	0
Fairmont State College	18	5	0	0	0	0	0	0	0	0	13	0
Marshall University	1,012	30	0	0	0	0	0	0	940	0	0	42
Shepherd College	131	0	0	0	0	0	0	0	0	131	0	0
West Virginia Inst Tech	5	5	0	0	0	0	0	0	0	0	0	0
West Virginia State Col	305	0	0	0	0	0	0	0	0	265	0	40
West Virginia University	29,914	4,576	0	391	0	0	14,430	1,241	4,720	161	1,796	2,599
Wheeling College	1,250	0	0	0	0	0	0	0	0	1,250	0	0
WV Univ at Parkersburg	115	0	0	0	0	0	0	0	0	0	0	115
Wisconsin, total	219,233	10,257	1,220	12,380	845	3,443	17,683	1,365	119,610	12,543	38,450	1,437
Beloit College	426	0	0	0	0	0	0	0	0	96	330	0
Carroll College (WI)	88	0	0	0	0	0	0	0	0	0	88	0
Lawrence University	102	0	0	0	0	0	0	0	0	0	102	0
Marquette University	2,890	0	0	81	0	0	83	0	1,109	196	1,376	45
Medical College of Wis	23,281	290	0	0	0	0	0	0	21,286	323	627	755
Milwaukee School of Eng	89	0	0	0	0	0	0	0	0	0	89	0
St Norbert College	15	0	0	0	0	0	0	0	0	15	0	0
Univ of Wis-Center System	1,445	0	0	851	0	0	155	0	112	0	314	13
Univ of Wis-Eau Claire	274	0	0	0	0	0	0	0	0	0	274	0
Univ of Wis-La Crosse	112	0	0	0	0	0	0	0	0	0	112	0
Univ of Wis-Madison	179,079	9,720	146	11,131	845	0	17,225	518	94,419	11,733	32,887	455
Univ of Wis-Milwaukee	4,482	0	0	261	0	0	220	74	2,454	180	1,209	84
Univ of Wis-Oshkosh	120	0	0	0	0	0	0	0	0	0	120	0
Univ of Wis-Parkside	157	0	0	56	0	0	0	0	37	0	64	0
Univ of Wis-River Falls	578	0	0	0	0	0	0	0	193	0	385	0
Univ of Wis-Stevens Point	343	20	0	0	0	0	0	0	0	0	323	0
Univ of Wis-Stout	807	0	0	0	0	776	0	0	0	0	29	2
Univ of Wis-Superior	511	0	0	0	0	0	0	390	0	0	121	0
Univ of Wisconsin Sys Off	4,434	227	1,074	0	0	2,667	0	383	0	0	0	83
Wyoming, total	10,886	2,498	0	692	227	25	439	265	1,358	161	4,000	1,221
Northwest College	46	0	0	0	0	0	0	0	0	0	46	0
University of Wyoming	10,824	2,498	0	692	227	25	439	265	1,358	161	3,954	1,205
Western Wyoming Cmty Col	16	0	0	0	0	0	0	0	0	0	0	16
Guam, total	1,325	1,016	56	0	0	0	0	0	98	0	50	105
University of Guam	1,325	1,016	56	0	0	0	0	0	98	0	50	105
Puerto Rico, total	21,650	4,227	230	327	0	0	100	164	10,209	236	6,052	105
Bayamon Tech Univ College	90	0	0	90	0	0	0	0	0	0	0	0
Inter Am U Pr-San German	32	0	0	0	0	0	0	0	0	0	32	0
Inter Amer U of Pr Metrop	188	0	0	0	0	0	0	0	0	0	188	0
Ponce School of Medicine	1,792	0	0	0	0	0	0	0	1,792	0	0	0
U Ctrl Del Caribe Esc Med	1,248	0	0	0	0	0	0	0	1,248	0	0	0
Univ of the Sacred Heart	42	0	0	0	0	0	0	0	0	0	42	0
Univ of P R System Off	759	40	230	0	0	0	100	0	0	0	284	105
Univ of P R-Mayaguez	7,397	4,187	0	138	0	0	0	57	0	236	2,779	0
Univ of P R-Med Sci Cmpus	6,417	0	0	0	0	0	0	0	6,417	0	0	0
Univ of P R-Rio Piedras	3,685	0	0	99	0	0	0	107	752	0	2,727	0
American Samoa, total	657	618	0	0	0	0	0	0	0	0	39	0
American Samoa Cmty Col	657	618	0	0	0	0	0	0	0	0	39	0

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations to universities and colleges for research and development, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Virgin Islands, total	1,048	940	0	0	0	0	0	0	0	0	0	108
U of the Virgin Islands	1,048	940	0	0	0	0	0	0	0	0	0	108
Trust Territory Pac Isl, total	853	853	0	0	0	0	0	0	0	0	0	0
Cmty Col of Micronesia	334	334	0	0	0	0	0	0	0	0	0	0
No Marianas College	519	519	0	0	0	0	0	0	0	0	0	0

1/ In this table, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

NOTE: The appearance of negative numbers is a result of deobligations; see "Definitions" in Technical Notes.

KEY: Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-12. Federal obligations to universities and colleges for R&D plant, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
United States, total	151,708	58,340	297	14,700	2,100	41,256	0	25,456	0	754	8,805	0
Alabama, total	1,661	679	0	0	0	195	0	787	0	0	0	0
The University of Alabama	277	0	0	0	0	190	0	87	0	0	0	0
Tuskegee University	679	679	0	0	0	0	0	0	0	0	0	0
Univ of South Alabama	705	0	0	0	0	5	0	700	0	0	0	0
Arizona, total	600	0	0	0	0	56	0	61	0	0	483	0
Arizona State University	544	0	0	0	0	0	0	61	0	0	483	0
University of Arizona	56	0	0	0	0	56	0	0	0	0	0	0
Arkansas, total	4,751	4,751	0	0	0	0	0	0	0	0	0	0
Univ of Ark Fayetteville	4,751	4,751	0	0	0	0	0	0	0	0	0	0
California, total	4,800	870	0	0	0	3,675	0	55	0	0	200	0
Calif St Univ Long Beach	55	0	0	0	0	0	0	55	0	0	0	0
California Inst of Tech	541	0	0	0	0	541	0	0	0	0	0	0
Stanford University	1,795	0	0	0	0	1,795	0	0	0	0	0	0
Univ of Cal Davis	920	870	0	0	0	50	0	0	0	0	0	0
Univ of Cal Irvine	162	0	0	0	0	162	0	0	0	0	0	0
Univ of Cal Los Angeles	370	0	0	0	0	370	0	0	0	0	0	0
Univ of Cal Riverside	19	0	0	0	0	19	0	0	0	0	0	0
Univ of Cal San Diego	411	0	0	0	0	211	0	0	0	0	200	0
Univ of Cal San Francisco	187	0	0	0	0	187	0	0	0	0	0	0
Univ of Cal Santa Barbara	15	0	0	0	0	15	0	0	0	0	0	0
Univ of Cal Santa Cruz	325	0	0	0	0	325	0	0	0	0	0	0
Colorado, total	2,643	0	0	0	0	163	0	2,480	0	0	0	0
Colorado State University	80	0	0	0	0	0	0	80	0	0	0	0
University of Colorado	2,563	0	0	0	0	163	0	2,400	0	0	0	0
Connecticut, total	3,350	0	0	0	0	445	0	2,905	0	0	0	0
Fairfield University	21	0	0	0	0	21	0	0	0	0	0	0
Yale University	3,329	0	0	0	0	424	0	2,905	0	0	0	0
District of Columbia, total	2,100	0	0	0	2,100	0	0	0	0	0	0	0
Gallaudet University	400	0	0	0	400	0	0	0	0	0	0	0
Howard University	1,700	0	0	0	1,700	0	0	0	0	0	0	0
Florida, total	3,162	2,609	0	0	0	11	0	542	0	0	0	0
Florida State University	11	0	0	0	0	11	0	0	0	0	0	0
University of Florida	2,609	2,609	0	0	0	0	0	0	0	0	0	0
University of Miami	542	0	0	0	0	0	0	542	0	0	0	0
Georgia, total	2,646	2,223	0	0	0	25	0	398	0	0	0	0
Emory University	250	0	0	0	0	0	0	250	0	0	0	0
Georgia State University	148	0	0	0	0	0	0	148	0	0	0	0
University of Georgia	2,248	2,223	0	0	0	25	0	0	0	0	0	0
Hawaii, total	6,378	5,505	0	0	0	873	0	0	0	0	0	0
Univ of Hawaii-Manoa	6,378	5,505	0	0	0	873	0	0	0	0	0	0
Idaho, total	6,372	572	0	5,800	0	0	0	0	0	0	0	0
University of Idaho	6,372	572	0	5,800	0	0	0	0	0	0	0	0
Illinois, total	2,144	1,568	0	0	0	563	0	13	0	0	0	0
Southern Ill U-Carbondale	13	0	0	0	0	0	0	13	0	0	0	0
Univ of Ill Chicago	25	0	0	0	0	25	0	0	0	0	0	0
Univ of Ill Urbana	1,933	1,568	0	0	0	365	0	0	0	0	0	0
University of Chicago	173	0	0	0	0	173	0	0	0	0	0	0

See explanatory material, if any, and SOURCE at end of table.

Table B-12. Federal obligations to universities and colleges for R&D plant, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Indiana, total	3,291	1,455	0	0	0	1,632	0	204	0	0	0	0
Indiana University	2,313	1,455	0	0	0	654	0	204	0	0	0	0
Purdue University	36	0	0	0	0	36	0	0	0	0	0	0
University of Notre Dame	942	0	0	0	0	942	0	0	0	0	0	0
Iowa, total	5,677	5,000	0	0	0	90	0	587	0	0	0	0
Iowa State University	5,065	5,000	0	0	0	65	0	0	0	0	0	0
University of Iowa	612	0	0	0	0	25	0	587	0	0	0	0
Kansas, total	8,519	3,619	0	0	0	0	0	4,900	0	0	0	0
Kans St U - Ag & App Sci	3,619	3,619	0	0	0	0	0	0	0	0	0	0
University of Kansas	4,900	0	0	0	0	0	0	4,900	0	0	0	0
Maryland, total	742	0	297	0	0	257	0	188	0	0	0	0
Johns Hopkins University	106	0	0	0	0	0	0	106	0	0	0	0
Univ of MD Balt Prof Sch	82	0	0	0	0	0	0	82	0	0	0	0
Univ of MD College Park	554	0	297	0	0	257	0	0	0	0	0	0
Massachusetts, total	12,720	0	0	0	0	10,620	0	419	0	0	1,681	0
Boston University	602	0	0	0	0	602	0	0	0	0	0	0
Harvard University	178	0	0	0	0	178	0	0	0	0	0	0
Mass Inst of Technology	9,810	0	0	0	0	9,600	0	210	0	0	0	0
Northeastern University	240	0	0	0	0	240	0	0	0	0	0	0
Tufts University	209	0	0	0	0	0	0	209	0	0	0	0
Woods Hole Ocngrphic Inst	1,681	0	0	0	0	0	0	0	0	0	1,681	0
Michigan, total	4,618	0	0	0	0	1,380	0	3,238	0	0	0	0
Michigan State University	390	0	0	0	0	390	0	0	0	0	0	0
University of Michigan	4,228	0	0	0	0	990	0	3,238	0	0	0	0
Minnesota, total	20	0	0	0	0	20	0	0	0	0	0	0
University of Minnesota	20	0	0	0	0	20	0	0	0	0	0	0
Missouri, total	813	0	0	0	0	0	0	813	0	0	0	0
Univ of Missouri Columbia	236	0	0	0	0	0	0	236	0	0	0	0
Washington University	577	0	0	0	0	0	0	577	0	0	0	0
Montana, total	1,381	1,213	0	0	0	0	0	168	0	0	0	0
Montana State University	1,213	1,213	0	0	0	0	0	0	0	0	0	0
University of Montana	168	0	0	0	0	0	0	168	0	0	0	0
Nebraska, total	4,365	4,365	0	0	0	0	0	0	0	0	0	0
Univ of Nebraska-Lincoln	4,365	4,365	0	0	0	0	0	0	0	0	0	0
New Jersey, total	2,759	2,468	0	0	0	291	0	0	0	0	0	0
Princeton University	291	0	0	0	0	291	0	0	0	0	0	0
Rutgers the St Univ of NJ	2,468	2,468	0	0	0	0	0	0	0	0	0	0

See explanatory material, if any, and SOURCE at end of table.

Table B-12. Federal obligations to universities and colleges for R&D plant, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
New York, total	17,468	0	0	0	0	10,401	0	1,818	0	0	5,249	0
Albany Medical College	80	0	0	0	0	0	0	80	0	0	0	0
Columbia Univ Main Div	1,035	0	0	0	0	470	0	565	0	0	0	0
Columbia Univ Sys Off	2,899	0	0	0	0	0	0	0	0	0	2,899	0
Cornell University	2,350	0	0	0	0	0	0	0	0	0	2,350	0
Rockefeller University	687	0	0	0	0	142	0	545	0	0	0	0
SUNY at Albany	15	0	0	0	0	15	0	0	0	0	0	0
SUNY at Stony Brook	474	0	0	0	0	474	0	0	0	0	0	0
University of Rochester	9,928	0	0	0	0	9,300	0	628	0	0	0	0
North Carolina, total	3,736	2,767	0	0	0	360	0	319	0	0	290	0
Duke University	650	0	0	0	0	360	0	0	0	0	290	0
N C State Univ at Raleigh	257	0	0	0	0	0	0	257	0	0	0	0
Wake Forest University	2,829	2,767	0	0	0	0	0	62	0	0	0	0
North Dakota, total	7,230	5,241	0	0	0	1,989	0	0	0	0	0	0
North Dakota State Univ	2,436	2,436	0	0	0	0	0	0	0	0	0	0
University of N Dakota	4,794	2,805	0	0	0	1,989	0	0	0	0	0	0
Ohio, total	194	0	0	0	0	79	0	115	0	0	0	0
Ohio State University	79	0	0	0	0	79	0	0	0	0	0	0
University of Cincinnati	115	0	0	0	0	0	0	115	0	0	0	0
Oklahoma, total	176	0	0	0	0	0	0	176	0	0	0	0
University of Oklahoma	176	0	0	0	0	0	0	176	0	0	0	0
Oregon, total	492	0	0	0	0	192	0	300	0	0	0	0
Oregon Hlth Sciences Univ	300	0	0	0	0	0	0	300	0	0	0	0
University of Oregon Main	192	0	0	0	0	192	0	0	0	0	0	0
Pennsylvania, total	4,015	582	0	0	0	1,372	0	1,502	0	559	0	0
Carnegie-Mellon Univ	200	0	0	0	0	200	0	0	0	0	0	0
Drexel University	234	0	0	0	0	153	0	81	0	0	0	0
Phila Col Osteopathic Med	100	0	0	0	0	0	0	100	0	0	0	0
St Joseph's University	582	582	0	0	0	0	0	0	0	0	0	0
Thomas Jefferson Univ	500	0	0	0	0	0	0	500	0	0	0	0
Univ of Pennsylvania	1,009	0	0	0	0	1,009	0	0	0	0	0	0
University of Pittsburgh	1,390	0	0	0	0	10	0	821	0	559	0	0
Rhode Island, total	2,861	1,847	0	0	0	112	0	0	0	0	902	0
Brown University	112	0	0	0	0	112	0	0	0	0	0	0
Univ of Rhode Island	2,749	1,847	0	0	0	0	0	0	0	0	902	0
South Carolina, total	2,745	0	0	0	0	10	0	2,735	0	0	0	0
Clemson University	196	0	0	0	0	0	0	196	0	0	0	0
Med Univ of So Carolina	2,539	0	0	0	0	0	0	2,539	0	0	0	0
Univ of South Carolina	10	0	0	0	0	10	0	0	0	0	0	0
South Dakota, total	1,911	1,911	0	0	0	0	0	0	0	0	0	0
South Dakota State Univ	1,911	1,911	0	0	0	0	0	0	0	0	0	0
Tennessee, total	413	241	0	0	0	172	0	0	0	0	0	0
Tennessee State Univ	241	241	0	0	0	0	0	0	0	0	0	0
Univ of Tennessee All Cmp	172	0	0	0	0	172	0	0	0	0	0	0

See explanatory material, if any, and SOURCE at end of table.

Table B-12. Federal obligations to universities and colleges for R&D plant, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Texas, total	4,389	3,635	0	0	0	636	0	118	0	0	0	0
Rice University	256	0	0	0	0	256	0	0	0	0	0	0
Texas A & M University	3,925	3,635	0	0	0	290	0	0	0	0	0	0
Texas Woman's University	36	0	0	0	0	0	0	36	0	0	0	0
U of Houston Univ Park	90	0	0	0	0	90	0	0	0	0	0	0
U Tex Hlth Sci Ctr S Anto	82	0	0	0	0	0	0	82	0	0	0	0
Utah, total	9,670	272	0	8,900	0	0	0	498	0	0	0	0
University of Utah	9,398	0	0	8,900	0	0	0	498	0	0	0	0
Utah State University	272	272	0	0	0	0	0	0	0	0	0	0
Vermont, total	361	361	0	0	0	0	0	0	0	0	0	0
Univ of VT & St Agric Col	361	361	0	0	0	0	0	0	0	0	0	0
Virginia, total	967	890	0	0	0	20	0	57	0	0	0	0
University of Virginia	57	0	0	0	0	0	0	57	0	0	0	0
VA Polytech Inst & St U	910	890	0	0	0	20	0	0	0	0	0	0
Washington, total	1,780	1,174	0	0	0	546	0	60	0	0	0	0
University of Washington	546	0	0	0	0	546	0	0	0	0	0	0
Washington State Univ	1,234	1,174	0	0	0	0	0	60	0	0	0	0
West Virginia, total	2,487	0	0	0	0	2,487	0	0	0	0	0	0
West Virginia University	2,487	0	0	0	0	2,487	0	0	0	0	0	0
Wisconsin, total	5,301	2,522	0	0	0	2,584	0	0	0	195	0	0
Univ of Wis-Madison	5,301	2,522	0	0	0	2,584	0	0	0	195	0	0

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

NOTE: See Technical Notes, "Scope of Survey."

KEY: Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-13a. Federal obligations to public universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Doctorate-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Arizona State University	24,445	207	25	3,195	0	385	3,020	180	4,863	2,568	9,977	25
Auburn University	16,096	6,002	22	2,006	577	0	1,417	150	802	3,008	1,707	405
Ball State University	1,800	34	0	0	0	0	0	0	401	0	1,361	4
Bowling Green State Univ	1,589	0	0	153	0	0	0	0	769	0	667	0
Calif St Univ Long Beach	1,937	0	0	165	0	0	0	100	884	110	678	0
Central Michigan Univ	38	3	0	0	0	0	0	0	0	0	35	0
Clemson University	13,917	5,290	66	1,855	1,060	0	720	527	581	914	2,349	555
Cleveland State Univ	4,682	0	0	0	0	0	0	0	1,519	3,141	0	22
College of William & Mary	5,662	0	1,135	270	0	0	261	120	344	1,659	1,821	52
Colorado School of Mines	3,284	0	0	552	94	0	848	250	0	70	854	616
Colorado State University	43,671	6,094	1,707	4,483	0	120	1,301	820	17,192	1,763	8,558	1,633
CUNY Central Sys Off	2,520	0	0	0	0	0	461	0	250	132	682	995
CUNY Grad Sch & Univ Ctr	3,844	0	0	1,601	0	0	0	0	1,922	0	321	0
CUNY H.H. Lehman Coll	1,021	0	0	0	0	0	0	0	119	0	902	0
Desert Research Institute	2,370	49	379	36	0	0	135	685	0	171	915	0
East Carolina University	3,927	0	99	534	0	0	0	0	3,078	0	216	0
East Tennessee State Univ	1,736	100	0	0	0	0	0	0	893	0	743	0
Florida A & M University	10,121	1,714	0	1,772	4,278	48	23	0	1,248	377	636	25
Florida Atlantic Univ	2,980	10	5	1,086	33	0	69	0	774	315	688	0
Florida International U	2,490	0	0	432	38	0	0	290	727	65	794	144
Florida State University	45,334	0	283	1,252	0	396	12,366	603	4,003	1,651	24,397	383
George Mason University	5,199	0	173	2,321	533	82	0	0	483	194	1,046	367
Georgia Institute of Tech	56,008	0	425	22,816	11,917	0	1,507	2,951	3,609	4,710	7,794	279
Georgia State University	5,374	0	0	137	0	0	222	198	3,324	225	1,268	0
Idaho State University	1,325	19	0	0	0	0	772	0	492	0	41	1
Illinois State University	2,057	189	0	0	0	0	0	0	724	0	1,144	0
Indiana State University	4,995	0	0	0	0	0	4,814	0	95	86	0	0
Indiana Univ of Penn	112	0	0	0	0	0	0	0	0	0	112	0
Indiana University	69,205	29	0	1,079	0	275	2,971	213	45,597	735	17,942	364
Iowa State University	34,028	12,943	1,711	832	0	0	1,448	580	6,378	1,007	4,557	4,572
Kans St U - Ag & App Sci	16,425	5,426	0	224	0	0	2,394	2,166	1,880	993	3,135	207
Kent State University	5,342	0	12	716	0	0	147	0	1,369	395	2,703	0
Lamar University - Beaumo	3,510	0	0	0	0	0	0	2,790	0	167	553	0
Louisiana Tech University	1,072	153	0	64	0	0	746	0	0	0	60	49
LA St Univ System Office	399	0	0	0	0	0	0	0	0	0	0	399
LA State Univ System	68,379	7,036	878	2,028	0	0	24,663	1,787	26,071	857	4,661	398
Marshall University	1,012	30	0	0	0	0	0	0	940	0	0	42
Med Col of Ohio at Toledo	7,573	0	0	0	0	0	0	250	7,172	0	151	0
Med Univ of So Carolina	22,334	9	133	0	0	113	6,590	0	15,324	0	165	0
Medical Col of Georgia	8,064	0	0	15	0	0	0	0	7,994	0	55	0
Memphis State University	4,225	185	0	324	0	0	116	0	2,119	100	241	1,140
Miami University (Ohio)	3,281	295	0	185	0	0	43	360	428	49	1,921	0
Michigan State University	62,793	13,598	54	2,353	110	1,596	3,615	186	18,576	757	20,704	1,244
Michigan Tech University	5,708	299	0	1,534	924	0	349	121	198	195	1,654	434
Miss-Ala Sea Grant Cnsrtm	915	0	413	0	0	0	0	0	0	0	502	0
Mississippi State Univ	21,115	8,497	0	469	0	757	6,727	0	575	910	2,988	192
Montana State University	11,518	3,590	0	179	0	81	156	663	1,275	173	5,222	179
N C State Univ at Raleigh	43,697	10,098	713	5,915	225	500	1,876	1,671	5,392	3,460	9,131	4,716
N J Inst of Technology	3,150	0	0	337	0	0	165	1,673	0	31	835	109
N Mex Inst Mining & Tech	4,836	0	0	2,422	-88	0	1,181	360	0	97	716	148
New Mexico State Univ	42,903	3,271	76	1,911	11,290	0	358	160	2,029	20,938	2,594	276
North Dakota State Univ	8,346	5,553	0	114	230	0	85	0	104	0	1,108	1,152
Northeast Louisiana Univ	596	0	0	0	0	0	0	0	0	13	583	0
Northern Arizona Univ	5,523	318	0	75	0	630	0	0	531	118	2,547	1,304
Northern Illinois Univ	3,616	25	0	168	0	783	222	0	1,124	0	1,079	215
NE Ohio Univs Col of Med	752	0	0	0	0	0	0	0	727	0	25	0
Oakland University	2,598	0	0	66	0	0	0	0	2,135	0	397	0
Ohio State University	82,106	9,014	648	3,969	279	0	4,029	1,265	35,332	5,546	15,824	6,200
Ohio University	5,020	170	0	725	0	0	491	0	609	461	656	1,908
Oklahoma State University	12,434	5,121	5	1,002	2,738	0	220	618	957	0	1,389	384
Old Dominion University	6,454	0	0	731	0	0	221	0	286	3,864	1,352	0
Oregon Hlth Sciences Univ	43,481	0	0	623	0	0	12,428	0	29,969	0	461	0
Oregon State University	51,297	10,187	2,387	5,744	0	0	1,499	2,734	7,896	2,440	13,686	4,724
Pennsylvania State Univ	144,400	9,066	206	30,171	28,570	1,827	5,542	1,313	35,296	10,042	17,932	4,435
Portland State University	1,991	0	0	0	0	817	90	0	343	0	690	51
Purdue University	64,543	9,625	70	4,738	89	168	7,695	336	19,488	2,899	17,679	1,756
Rutgers the St Univ of NJ	45,852	4,563	1,118	3,486	0	1,000	863	489	20,290	984	12,814	245
S Dak Sch Mines & Tech	2,552	0	0	147	0	0	0	50	0	433	1,774	148
Sam Houston State Univ	25	25	0	0	0	0	0	0	0	0	0	0
San Diego State Univ	13,506	23	54	78	0	0	1,501	100	7,801	487	3,357	105
South Dakota State Univ	3,164	2,803	0	0	0	0	100	68	6	0	76	111
Southern Ill U-Carbondale	6,451	836	0	199	0	125	0	0	3,780	51	1,205	255
Southrn Ill Univ Sys Off	340	28	0	0	0	0	309	0	0	0	0	3

See explanatory information, if any, and SOURCE at end of table.

Table B-13a. Federal obligations to public universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Doctorate-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
State Univ Sys of Fla Off	94	66	28	0	0	0	0	0	0	0	0	0
Stephen F Austin St Univ	230	230	0	0	0	0	0	0	0	0	0	0
SC Sea Grant Consortium	313	0	313	0	0	0	0	0	0	0	0	0
SUNY - Hlth Sci Brooklyn	14,128	0	0	0	0	0	0	0	13,956	0	172	0
SUNY - Hlth Sci Syracuse	10,540	0	0	0	0	0	338	0	9,889	0	313	0
SUNY at Albany	14,429	805	0	636	0	700	1,123	410	7,149	571	3,035	0
SUNY at Binghamton	2,896	0	0	77	0	0	219	0	1,010	184	1,406	0
SUNY at Buffalo All Cmps	39,895	734	0	6,330	0	0	658	1,170	25,462	531	4,992	18
SUNY at Stony Brook	50,403	0	0	433	0	0	3,681	95	30,337	1,760	14,097	0
SUNY Col of Env Sci & For	625	625	0	0	0	0	0	0	0	0	0	0
SUNY St Col of Optometry	87	0	0	0	0	0	0	0	87	0	0	0
SUNY System Office	2,128	0	851	687	0	0	0	0	0	0	450	140
Temple University	22,995	0	0	0	0	800	342	403	19,785	0	1,665	0
Tenn Technological Univ	745	0	0	0	0	0	131	121	104	70	248	71
Texas A & M Univ Sys Off	2,901	494	0	0	0	0	0	0	129	328	0	1,950
Texas A & M University	52,367	10,764	975	4,994	423	81	4,392	958	10,793	4,284	14,247	456
Texas Col of Osteo Med	2,641	0	0	0	0	0	0	0	2,460	51	130	0
Texas Tech University	7,540	589	0	1,180	192	0	164	1,088	2,287	240	1,744	56
Texas Woman's University	481	0	0	0	0	177	0	0	304	0	0	0
The University of Alabama	8,010	0	0	3,923	0	0	843	2	1,187	495	1,163	397
U of Arkansas Med Sci Cam	9,834	0	0	0	0	0	0	0	9,579	0	255	0
U of Cal Sys Wide Prgms	5,786	24	1,869	0	0	0	0	0	0	408	0	3,485
U of Houston Sys Off	71	46	10	0	0	0	0	0	0	0	0	15
U of Houston Univ Park	17,629	75	0	998	36	0	1,144	0	4,657	6,624	4,095	0
U of MD Baltimore County	5,101	165	0	175	0	0	57	0	2,572	315	1,713	104
U of MD Center for EES	1,511	0	0	0	0	0	0	288	0	0	1,223	0
U of MD Eastern Shore	1,560	1,273	0	0	0	0	0	0	96	0	191	0
U of Neb Med Ctr at Omaha	9,814	0	0	0	0	0	0	0	9,704	0	110	0
U of Nev Sys Adm Sys Off	1,590	0	232	0	0	0	0	0	0	0	653	705
U Neb Ctrl Admin Sys Off	303	246	0	0	0	0	0	0	0	0	0	57
U Tex Hlth Sci Ctr Houstn	33,381	0	0	209	0	0	411	150	31,920	529	130	32
U Tex Hlth Sci Ctr S Anto	36,999	322	0	742	0	0	0	0	35,623	63	249	0
U Tex Med Brnch Galveston	25,272	0	0	432	0	0	209	163	23,938	358	172	0
U Tex Sw Med Ctr - Dallas	55,878	0	0	125	0	0	139	0	53,939	1,316	359	0
U TX MD Anderson Cncr Ctr	34,693	0	0	0	0	0	0	69	34,534	0	90	0
Univ & St Col of Ariz S O	319	0	0	194	125	0	0	0	0	0	0	0
Univ of Alabama Sys Off	45	0	45	0	0	0	0	0	0	0	0	0
Univ of Alaska Fairbanks	22,165	1,216	993	1,406	0	0	962	475	445	6,508	9,675	485
Univ of Alaska System Off	2,309	0	0	0	0	0	0	0	0	0	0	2,309
Univ of Ark Fayetteville	12,783	7,172	0	453	0	1,324	352	90	476	107	1,924	885
Univ of Ark Sys Off	166	47	0	0	0	0	0	0	0	0	0	119
Univ of Cal Berkeley	136,020	10,128	120	10,105	1,081	6,618	4,408	839	46,044	19,530	34,120	3,027
Univ of Cal Davis	79,671	4,616	20	1,492	0	698	12,208	636	44,076	1,905	9,606	4,414
Univ of Cal Irvine	50,950	210	0	6,972	0	0	3,929	121	31,415	1,476	6,827	0
Univ of Cal Los Angeles	194,217	343	0	15,179	604	2,083	17,621	695	130,568	7,747	19,096	281
Univ of Cal Riverside	12,984	2,131	0	257	0	0	1,437	378	4,922	388	3,471	0
Univ of Cal San Diego	182,815	135	115	21,493	439	0	5,132	163	105,675	15,534	34,129	0
Univ of Cal San Francisco	178,698	0	0	1,212	0	0	3,393	161	170,710	919	2,303	0
Univ of Cal Santa Barbara	44,255	313	335	8,986	3,632	0	3,676	457	5,219	3,784	17,380	473
Univ of Cal Santa Cruz	15,541	102	0	1,019	0	799	1,436	0	4,392	1,012	6,781	0
Univ of Central Florida	6,201	0	0	2,520	634	0	0	19	370	1,183	1,475	0
Univ of Hawaii Sys Off	8,382	0	3,154	3,047	1,510	0	5	0	25	0	0	641
Univ of Hawaii-Manoa	38,814	4,903	0	1,778	0	0	1,522	0	9,991	5,793	12,689	2,138
Univ of Ill Chicago	46,517	87	0	1,405	195	143	755	247	35,283	277	5,965	2,160
Univ of Ill Urbana	110,509	7,936	0	19,079	206	0	12,641	1,055	18,774	2,729	47,806	283
Univ of Illinois Sys Off	3,555	16	934	0	0	1,003	1,356	0	0	0	0	246
Univ of Maine Orono	6,859	3,081	0	224	0	94	77	570	478	258	1,788	289
Univ of Maine System Off	1,185	438	250	0	0	360	0	0	0	0	0	137
Univ of Maryland Sys Off	392	24	0	0	0	0	120	0	233	0	0	15
Univ of Mass	76,630	3,226	0	8,429	1,208	5,576	2,483	140	40,373	2,044	13,120	31
Univ of Mass Lowell	4,173	0	0	1,219	733	0	353	145	297	191	1,235	0
Univ of Mass System Off	836	170	333	0	0	0	0	0	0	0	0	333
Univ of Med & Dent of N J	41,465	250	0	480	0	200	319	545	38,591	274	806	0
Univ of Missouri Columbia	26,537	7,754	0	319	0	0	1,333	436	13,508	74	3,038	75
Univ of Missouri Kan City	4,206	0	0	75	0	182	123	0	3,577	0	247	2
Univ of Missouri Rolla	4,602	0	0	632	0	0	386	0	197	340	1,849	1,198
Univ of Missouri St Louis	2,690	480	0	339	0	0	0	0	622	82	1,151	16
Univ of Missouri Sys Off	657	78	94	0	0	101	0	0	150	0	0	234

See explanatory information, if any, and SOURCE at end of table.

Table B-13a. Federal obligations to public universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Doctorate-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Univ of MD Balt Prof Sch	48,125	35	0	728	0	0	0	343	46,290	0	729	0
Univ of MD College Park	72,115	4,548	2,715	12,862	1,643	0	7,596	1,353	5,978	16,624	18,189	607
Univ of N C at Greensboro	5,646	143	0	0	0	3,349	0	0	1,235	10	909	0
Univ of N C Sys Off	1,773	80	125	0	0	0	0	0	0	0	0	1,568
Univ of Nebraska-Lincoln	28,232	7,372	310	1,327	95	0	6,263	158	2,385	695	6,542	3,085
Univ of Nevada - Reno	10,667	1,712	0	91	0	0	1,233	856	3,876	250	1,451	1,198
Univ of New Hampshire	19,161	1,754	691	470	0	0	576	867	1,845	7,883	4,659	416
Univ of North Texas	1,781	0	0	432	0	131	0	211	482	0	525	0
Univ of Northern Colorado	1,834	0	0	0	0	475	0	0	87	0	1,272	0
Univ of Northern Iowa	4,983	105	0	0	0	0	3,977	0	0	0	901	0
Univ of NC at Chapel Hill	111,501	362	100	4,446	0	0	1,017	4,504	92,083	304	8,685	0
Univ of PR System Off	759	40	230	0	0	0	100	0	0	0	284	105
Univ of PR-Mayaguez	7,397	4,187	0	138	0	0	0	57	0	236	2,779	0
Univ of PR-Med Sci Campus	6,417	0	0	0	0	0	0	0	6,417	0	0	0
Univ of PR-Rio Piedras	3,685	0	0	99	0	0	0	107	752	0	2,727	0
Univ of Rhode Island	19,163	1,433	2,012	2,441	0	95	115	586	3,786	858	6,680	1,157
Univ of South Alabama	8,211	130	0	32	0	0	45	0	7,115	20	869	0
Univ of South Carolina	15,787	124	135	706	0	0	979	539	7,871	258	4,866	309
Univ of South Dakota	741	0	0	60	0	0	0	0	599	20	0	62
Univ of South Florida	13,688	80	423	1,152	472	670	159	58	7,457	853	1,457	907
Univ of Southwestern LA	2,093	40	0	95	0	0	0	0	1,697	0	230	31
Univ of Sthrn Mississippi	3,283	433	217	972	0	0	0	110	230	0	1,321	0
Univ of Tenn System Off	318	164	0	0	0	0	0	0	25	0	0	129
Univ of Tennessee All Cmp	50,204	5,677	0	1,941	372	288	11,576	258	23,518	1,906	4,479	189
Univ of Tex at Arlington	2,282	0	0	871	140	0	0	35	93	25	1,118	0
Univ of Texas at Austin	95,063	276	0	16,929	25,960	0	13,807	702	13,556	6,474	14,142	3,217
Univ of Texas at Dallas	4,825	0	0	735	0	0	141	0	1,560	1,297	1,092	0
Univ of Texas at El Paso	6,067	0	0	500	40	0	0	1,900	505	298	2,525	299
Univ of Texas System Off	2,029	0	30	0	0	0	0	0	1,652	0	0	347
Univ of VT & St Agric Col	37,294	4,305	0	117	154	1,062	630	295	28,294	25	2,254	158
Univ of Wis-Madison	179,079	9,720	146	11,131	845	0	17,225	518	94,419	11,733	32,887	455
Univ of Wis-Milwaukee	4,482	0	0	261	0	0	220	74	2,454	180	1,209	84
Univ of Wisconsin Sys Off	4,434	227	1,074	0	0	2,667	0	383	0	0	0	83
Univ Alabama Birmingham	90,355	280	0	1,531	294	580	9,942	50	70,539	5,281	1,858	0
Univ Alabama Huntsville	20,915	0	0	219	3,066	0	0	335	105	16,601	589	0
Univ Sys of N Hamp Sys Of	276	0	0	0	0	0	0	0	276	0	0	0
Univ System of Georgia	2,117	0	0	0	0	0	2,099	0	0	0	0	18
University of Akron	2,763	0	0	61	0	0	176	149	446	1,054	877	0
University of Arizona	95,206	4,261	201	5,016	2,237	388	1,895	772	50,468	14,152	13,731	2,085
University of Cincinnati	51,490	206	0	2,663	0	48	401	2,875	41,267	1,522	2,508	0
University of Colorado	126,090	16	8,799	5,362	89	125	4,328	1,327	67,423	15,303	21,638	1,680
University of Connecticut	42,860	1,681	1,842	1,812	0	1,838	798	523	29,560	272	4,372	162
University of Delaware	19,041	1,599	715	2,853	0	1,398	760	371	3,860	1,420	5,828	237
University of Florida	63,270	7,723	692	5,463	1,467	0	2,999	620	33,294	2,347	7,120	1,545
University of Georgia	40,715	9,011	352	1,398	0	162	9,554	1,301	10,319	456	5,554	2,608
University of Idaho	11,064	5,299	0	251	0	0	219	134	353	1,554	1,811	1,443
University of Iowa	85,113	499	235	2,897	0	124	692	427	66,246	8,536	5,439	18
University of Kansas	28,341	0	50	838	0	1,658	680	21	21,047	888	2,911	248
University of Kentucky	35,914	7,010	48	366	45	0	3,963	245	19,480	127	3,982	648
University of Louisville	6,699	0	0	70	0	0	165	62	5,286	485	631	0
University of Michigan	193,954	522	1,267	15,597	193	832	8,284	2,252	125,422	11,282	26,828	1,475
University of Minnesota	168,962	8,943	526	11,193	141	9,242	5,473	1,560	103,725	3,242	23,665	1,252
University of Mississippi	12,551	1,376	0	765	0	310	308	414	7,330	40	597	1,411
University of Montana	3,451	732	0	0	0	83	100	127	965	295	946	203
University of N Dakota	10,098	1,108	0	70	0	0	6,753	0	1,686	31	302	148
University of New Mexico	32,446	0	0	4,457	7,093	762	1,691	190	12,660	824	4,683	86
University of Oklahoma	17,590	120	616	551	0	0	1,669	441	10,972	226	2,626	369
University of Oregon Main	19,750	103	0	967	0	1,468	2,434	30	8,508	282	5,848	110
University of Pittsburgh	147,757	40	23	8,353	21,007	1,301	2,374	2,124	103,668	1,109	7,657	101
University of Toledo	3,392	0	0	149	0	0	142	0	1,227	1,455	419	0
University of Utah	70,877	40	82	3,248	294	86	4,760	162	49,174	722	10,514	1,795
University of Virginia	66,916	100	888	5,877	768	1,430	2,648	295	41,250	4,134	8,464	1,062
University of Washington	245,288	3,104	3,209	21,724	8,434	126	6,852	1,162	158,504	6,805	32,151	3,217
University of Wyoming	10,824	2,498	0	692	227	25	439	265	1,358	161	3,954	1,205
Utah State University	53,430	2,636	0	11,061	31,560	170	1,099	252	3,369	936	1,801	546

See explanatory information, if any, and SOURCE at end of table.

Table B-13a. Federal obligations to public universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Doctorate-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Virginia Commonwlth Univ	46,324	0	0	316	0	660	216	112	44,129	452	439	0
VA Polytech Inst & St U	32,033	6,450	85	3,639	206	72	5,523	543	2,761	4,644	5,028	3,082
Washington State Univ	25,508	8,380	0	1,288	38	0	2,063	531	7,693	120	5,263	132
Wayne State University	33,280	0	0	429	74	0	266	0	29,469	187	2,805	50
West Virginia University	29,914	4,576	0	391	0	0	14,430	1,241	4,720	161	1,796	2,599
Western Michigan Univ	2,610	0	3	146	0	1,000	194	237	402	202	426	0
Wichita State University	2,003	0	0	124	0	0	0	0	107	96	159	1,517
Wright State University	9,062	0	0	1,684	240	0	0	137	5,823	78	1,100	0

1/ In this table, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

NOTE: The appearance of negative numbers is a result of deobligations; see "Definitions" in Technical Notes.

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-13b. Federal obligations to public universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Master's-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Adams State College	46	0	0	0	0	0	0	0	0	0	36	10
Alabama A & M University	5,411	2,089	0	634	496	0	0	0	50	1,004	1,000	138
Alabama State University	130	0	0	0	0	0	0	0	94	0	36	0
Appalachian St University	378	0	0	0	0	0	0	100	87	23	168	0
Arkansas State University	14	0	0	0	0	0	0	0	14	0	0	0
Austin Peay State Univ	35	0	0	35	0	0	0	0	0	0	0	0
Bloomsburg Univ of Penn	29	0	0	0	0	0	0	0	0	0	29	0
Bridgewater State College	536	0	0	0	0	0	0	0	0	0	536	0
Cal Poly St U San Luis Ob	402	27	0	0	0	0	0	0	0	283	92	0
Cal St U - San Bernadino	19	0	0	0	0	0	0	0	0	0	19	0
Cal St U Dominguez Hills	1,324	0	0	0	0	0	0	0	0	0	1,324	0
Calif St Poly Univ Pomona	179	15	0	0	0	0	0	0	106	0	0	58
Calif St U Bakersfield	27	0	0	0	0	0	0	0	0	0	27	0
Calif St Univ & Col Sys O	26	0	26	0	0	0	0	0	0	0	0	0
Calif St Univ Fullerton	1,107	0	0	0	0	0	46	0	248	73	740	0
Calif St Univ Hayward	592	0	0	0	0	0	0	0	0	29	563	0
Calif St Univ Los Angeles	2,567	0	0	0	0	0	0	0	722	24	1,821	0
Calif St Univ Northridge	989	0	0	0	0	0	62	0	263	10	654	0
Calif St Univ Sacramento	141	0	0	0	0	0	0	0	0	0	141	0
Calif State Univ Chico	28	0	0	0	0	0	0	0	0	0	28	0
Calif State Univ Fresno	284	8	0	0	0	0	0	0	97	179	0	0
Central Conn State Univ	88	0	0	0	0	0	0	0	88	0	0	0
Central Missouri St Univ	25	0	0	0	0	0	0	0	25	0	0	0
Central Washington Univ	73	0	0	25	0	0	0	0	0	0	48	0
College of Charleston	168	0	0	13	0	0	0	0	0	42	113	0
Coppin State College	25	0	0	0	0	0	0	0	25	0	0	0
CUNY Bernard Baruch Col	40	10	0	0	0	0	0	0	0	0	30	0
CUNY Brooklyn College	1,257	0	0	0	0	0	0	0	463	50	744	0
CUNY City College	10,806	0	0	415	0	0	344	0	4,133	272	5,592	50
CUNY Col Staten Island	434	0	0	0	0	0	33	0	134	0	267	0
CUNY Hunter College	4,810	0	0	179	0	0	40	0	4,068	0	523	0
CUNY Jhn Jay Col Crim Jus	138	0	0	0	0	0	0	0	138	0	0	0
CUNY Queens College	2,044	0	0	28	0	0	257	0	1,226	0	533	0
Delaware State College	647	549	0	98	0	0	0	0	0	0	0	0
Delta State University	53	53	0	0	0	0	0	0	0	0	0	0
East Central University	170	0	0	0	0	0	0	170	0	0	0	0
Eastern Illinois Univ	44	0	0	0	0	0	0	0	0	0	44	0
Eastern Kentucky Univ	169	0	0	0	0	0	0	0	143	0	26	0
Eastern Michigan Univ	638	0	0	0	0	35	0	0	503	0	100	0
Eastern New Mexico Univ	139	0	0	110	0	0	0	0	0	0	29	0
Eastern Washington Univ	242	0	0	0	0	0	0	0	76	91	7	68
Edinboro Univ of Penn	83	0	0	0	0	0	0	0	83	0	0	0
Fort Hays St Univ	3,978	0	0	0	0	0	3,978	0	0	0	0	0
Fort Valley State College	1,897	1,644	0	0	0	0	203	0	0	0	50	0
Georgia Southern Univ	600	0	0	0	0	0	0	0	581	19	0	0
Grambling State Univ	269	0	0	0	0	0	133	0	0	0	136	0
Grand Valley State Univ	297	0	0	0	0	0	0	0	0	0	297	0
Humboldt State University	627	291	0	0	0	0	0	0	0	82	0	254
Jackson State University	3,184	3	25	303	0	0	1,665	0	205	222	567	194
Jacksonville State Univ	61	0	0	0	0	0	0	0	0	0	61	0
James Madison University	252	0	0	0	0	0	0	0	183	0	69	0
Kean Col of New Jersey	10	0	0	0	0	0	0	0	0	0	10	0
Keene State College	6	0	0	0	0	0	0	0	0	0	0	6
Lincoln University (MO)	1,909	1,903	0	0	0	0	0	0	0	0	0	6
Mankato State University	709	0	0	0	0	0	0	0	158	45	506	0
Mass State Col Sys Off	442	0	0	0	0	0	442	0	0	0	0	0
McNeese State University	61	0	0	0	0	0	0	0	0	0	61	0
Middle Tennessee St Univ	45	0	0	0	0	0	45	0	0	0	0	0
Midwestern State Univ	33	0	0	0	0	0	0	0	0	0	33	0
Millersville Univ of Penn	208	0	0	0	0	0	0	0	0	0	208	0
Mont Col Minrl Sci & Tech	415	0	0	0	0	0	0	211	0	0	56	148
Moorhead State University	25	0	0	0	0	0	0	0	0	0	25	0
Morgan State University	603	0	0	31	0	0	0	80	0	292	200	0
Murray State University	238	0	0	35	0	0	0	0	193	0	10	0
New Mexico Highlands Univ	325	0	0	0	0	0	0	0	55	42	228	0
North Carolina Cntrl Univ	411	17	0	339	0	0	0	50	0	0	5	0
Northeast Missouri St U	68	68	0	0	0	0	0	0	0	0	0	0
Northern Michigan Univ	2	2	0	0	0	0	0	0	0	0	0	0
Northwest State Univer	35	0	0	0	0	0	0	0	0	35	0	0
NC Ag & Tech State Univ	5,955	2,795	0	1,172	204	0	160	75	115	1,018	266	150
Pittsburg State Univ	126	0	0	0	0	0	0	0	0	0	126	0
Prairie View A & M Univ	3,472	2,457	0	0	0	0	260	0	0	355	300	100

See explanatory information, if any, and SOURCE at end of table.

Table B-13b. Federal obligations to public universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Master's-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Radford University	10	0	0	0	0	0	0	0	0	0	10	0
S Illinois U Edwardsville	896	0	0	0	0	0	0	0	96	0	684	116
Salem State College	25	0	0	0	0	0	0	0	25	0	0	0
Salisbury State College	98	0	0	0	0	0	0	0	0	0	98	0
San Francisco State Univ	2,842	118	0	325	0	80	95	0	936	227	1,021	40
San Jose State University	5,114	0	140	100	0	0	60	0	324	2,467	2,011	12
Shippensburg Univ of Penn	13	0	0	0	0	0	0	0	0	0	13	0
Sonoma State University	111	0	0	0	0	0	0	0	0	111	0	0
Southeast Missouri St U	3	0	0	0	0	0	0	0	0	0	3	0
Southeastern LA Univ	56	10	0	0	0	0	0	0	25	0	21	0
Southern Conn State Univ	124	0	0	0	0	106	0	0	0	0	18	0
Southern Oregon St Col	19	0	0	0	0	0	0	0	0	0	19	0
Southern U & A&M College	2,599	1,461	0	184	0	0	12	400	0	0	513	29
Southwest Missouri St U	411	0	0	0	0	38	0	0	95	0	211	67
Southwest Texas St Univ	1,256	0	0	0	0	666	0	29	494	50	17	0
St Cloud State University	286	0	71	0	0	50	0	0	0	0	165	0
St U Sys of Minn-Sys Off	1,058	0	0	0	0	0	0	0	750	0	308	0
SUNY College Brockport	174	0	0	0	0	0	0	0	0	0	174	0
SUNY College Buffalo	1,092	0	0	970	0	0	0	0	0	122	0	0
SUNY College Cortland	182	0	0	114	0	0	0	0	0	0	68	0
SUNY College Fredonia	627	0	0	0	0	0	0	0	0	0	627	0
SUNY College Geneseo	163	0	0	0	0	0	0	0	0	0	163	0
SUNY College New Paltz	21	0	0	0	0	0	0	0	0	0	21	0
SUNY College Oswego	279	0	0	0	0	0	0	0	0	11	268	0
SUNY College Plattsburgh	271	0	0	0	0	0	0	0	122	30	119	0
SUNY College Potsdam	167	0	0	0	0	0	0	0	0	0	167	0
SUNY Inst Tech Utica-Rome	94	0	0	0	0	0	0	0	0	0	94	0
Tarleton State University	33	0	0	0	0	0	0	24	0	0	9	0
Tennessee State Univ	5,467	2,623	0	50	148	0	0	0	1,581	378	687	0
Texas A & I University	196	0	0	0	0	0	0	0	0	196	0	0
Texas Southern Univ	1,918	0	0	0	0	0	39	87	1,477	275	40	0
Towson State University	340	0	0	0	0	0	0	0	0	0	340	0
Trenton State College	18	0	0	0	0	0	0	0	0	0	18	0
U of Texas at San Antonio	1,769	0	0	70	0	0	0	0	266	161	1,272	0
U of TX - Pan America	297	0	0	88	0	0	0	0	0	209	0	0
Univ of Alaska Anchorage	932	62	19	60	0	0	0	0	675	0	0	116
Univ of Ark Little Rock	1,324	0	0	100	0	0	100	0	403	35	467	219
Univ of Mass Dartmouth	901	718	0	0	0	0	0	0	0	0	183	0
Univ of N C at Charlotte	1,837	0	43	483	70	0	96	0	62	79	1,004	0
Univ of N C at Wilmington	1,512	0	855	0	0	0	0	0	137	0	520	0
Univ of Nebraska at Kearney	380	0	0	0	0	0	0	0	0	0	380	0
Univ of Nebraska at Omaha	583	0	0	0	0	0	200	0	222	0	134	27
Univ of Nevada Las Vegas	3,984	0	0	0	0	0	100	3,483	0	2	260	139
Univ of West Florida	750	0	90	0	0	0	0	507	103	0	50	0
Univ of Wis-Eau Claire	274	0	0	0	0	0	0	0	0	0	274	0
Univ of Wis-La Crosse	112	0	0	0	0	0	0	0	0	0	112	0
Univ of Wis-Oshkosh	120	0	0	0	0	0	0	0	0	0	120	0
Univ of Wis-River Falls	578	0	0	0	0	0	0	0	193	0	385	0
Univ of Wis-Stevens Point	343	20	0	0	0	0	0	0	0	0	323	0
Univ of Wis-Stout	807	0	0	0	0	776	0	0	0	0	29	2
Univ of Wis-Superior	511	0	0	0	0	0	0	390	0	0	121	0
Univ Houstn Clr Lake City	6,496	0	0	0	0	0	0	0	0	6,496	0	0
University of D C	2,202	484	0	323	0	0	0	0	0	774	516	105
University of Guam	1,325	1,016	56	0	0	0	0	0	98	0	50	105
Valdosta State College	88	0	0	0	0	88	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-13b. Federal obligations to public universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Master's-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Virginia State University	2,348	1,862	0	0	97	0	86	0	0	253	50	0
West Chester Univ of Penn	58	0	0	0	0	0	0	0	0	0	58	0
West Virginia Inst Tech	5	5	0	0	0	0	0	0	0	0	0	0
Western Illinois Univ	202	55	0	0	0	0	0	0	0	0	147	0
Western Kentucky Univ	483	0	0	0	0	0	0	0	215	0	268	0
Western New Mexico Univ	29	0	0	0	0	0	0	0	0	0	29	0
Western Oregon State Coll	250	0	0	0	0	0	0	0	250	0	0	0
Western Washington Univ	724	19	0	122	0	0	0	55	83	0	445	0
William Paterson College	43	35	0	0	0	0	0	0	0	0	8	0
Winona State University	29	0	0	0	0	0	0	0	0	0	29	0

1/ In this table, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-13c. Federal obligations to public universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Bachelor's-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Alcorn State University	1,819	1,819	0	0	0	0	0	0	0	0	0	0
Bayamon Tech Univ College	90	0	0	90	0	0	0	0	0	0	0	0
Bluefield State College	60	0	0	0	0	0	0	0	0	0	0	60
Boise State University	329	30	0	127	0	0	0	0	0	0	150	22
Bowie State University	175	0	0	0	79	0	0	0	0	0	96	0
Central State University	441	0	0	0	267	0	17	0	90	0	67	0
CUNY York College	30	0	0	0	0	0	0	0	0	0	30	0
Dakota State University	24	0	0	0	0	0	0	0	0	0	24	0
Eastern Montana College	12	0	0	0	0	0	0	0	0	0	0	12
Elizabeth City State Univ	29	0	0	29	0	0	0	0	0	0	0	0
Evergreen State College	89	0	0	0	0	0	0	0	0	0	89	0
Fairmont State College	18	5	0	0	0	0	0	0	0	0	13	0
Fort Lewis College	221	0	0	0	0	0	0	0	0	0	216	5
Francis Marion College	94	0	0	0	0	0	0	0	0	0	94	0
Georgia Southwestern Col	21	0	0	0	0	0	0	0	0	0	21	0
Johnson State College	12	0	0	0	0	0	0	0	0	0	12	0
Kentucky State University	2,364	2,315	49	0	0	0	0	0	0	0	0	0
Langston University	1,851	1,844	0	0	0	0	7	0	0	0	0	0
Lincoln University (PA)	525	0	0	436	0	0	0	0	0	0	84	5
Longwood College	45	0	0	0	0	0	0	0	0	45	0	0
Lyndon State College	13	13	0	0	0	0	0	0	0	0	0	0
Metropoltn St Coll Denver	168	0	0	0	0	0	0	0	0	0	168	0
No Marianas College	519	519	0	0	0	0	0	0	0	0	0	0
Norfolk State University	209	0	0	0	0	0	109	0	0	100	0	0
Northern Kentucky Univ	238	0	0	0	0	0	0	10	0	0	228	0
Oregon Institute of Tech	262	0	0	0	0	0	262	0	0	0	0	0
Peru State College	31	0	0	0	0	0	0	0	31	0	0	0
Saginaw Valley State Col	10,100	0	0	0	0	0	0	0	0	10,100	0	0
Savannah State College	6	0	6	0	0	0	0	0	0	0	0	0
Shepherd College	131	0	0	0	0	0	0	0	0	131	0	0
South Carolina St College	1,839	1,593	0	200	0	0	46	0	0	0	0	0
Southeastern Okla St Univ	9	0	0	9	0	0	0	0	0	0	0	0
Southern College of Tech	16	0	0	0	0	0	0	0	0	0	16	0
Southwest State Univ	69	0	0	0	0	0	0	0	0	0	69	0
St Mary's College of MD	165	0	0	0	0	0	0	0	0	0	165	0
SUNY Col at Old Westbury	270	0	0	0	0	0	0	0	240	0	30	0
SUNY College at Purchase	123	0	0	0	0	0	0	0	0	45	78	0
U of the Virgin Islands	1,048	940	0	0	0	0	0	0	0	0	0	108
U of Houston Downtown Col	1,161	0	0	25	0	0	986	150	0	0	0	0
U of MD University Coll	152	0	0	152	0	0	0	0	0	0	0	0
Univ of Ark Pine Bluff	1,545	1,490	0	0	0	0	0	0	0	0	0	55
Univ of N C at Asheville	144	4	0	0	0	0	0	0	0	0	140	0
Univ of Southern Colorado	509	0	0	0	0	0	0	0	0	509	0	0
Univ of Wis-Parkside	157	0	0	56	0	0	0	0	37	0	64	0
Univ Maine, Presque Isle	38	0	0	28	0	0	0	0	0	0	10	0
University of Sthrn Maine	776	0	0	0	0	300	0	0	313	0	137	26
Virginia Military Inst	73	0	25	0	0	0	0	0	0	0	48	0
Weber State University	3	0	0	0	0	0	0	0	0	0	0	3
West Virginia State Col	305	0	0	0	0	0	0	0	0	265	0	40

1/ In this table, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-13d. Federal obligations to public universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Institution not granting science degrees	Total	USDA	Com	DOD research 1/	DOD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Abraham Baldwin Agric Col	42	0	0	0	0	0	42	0	0	0	0	0
Alamo Cmty Col Dist	1	0	0	0	0	0	0	0	0	0	0	1
Allegany Community Col	89	0	0	0	0	0	0	0	0	0	89	0
American Samoa Cmty Col	657	618	0	0	0	0	0	0	0	0	39	0
Bucks County Cmty Col	1	0	0	0	0	0	0	0	0	0	0	1
Charles County Cmty Col	10	0	0	0	0	0	0	0	0	10	0	0
Chauncey Sparks St Tech	900	0	0	0	0	0	900	0	0	0	0	0
City Colleges of Chicago	231	0	0	0	0	0	99	0	0	0	132	0
Cmty Col of Micronesia	334	334	0	0	0	0	0	0	0	0	0	0
Cuyahoga Cmty College	112	0	0	0	0	0	0	0	0	20	92	0
CUNY NY City Tech Col	111	0	0	0	0	0	0	0	0	0	111	0
Del Mar College	68	0	0	0	0	0	0	0	0	0	68	0
Eastern Okla State Col	20	20	0	0	0	0	0	0	0	0	0	0
Everett Community College	2	0	0	0	0	0	0	0	0	0	0	2
Foothill College	34	0	0	0	0	0	0	0	0	0	34	0
Foothill-Deanza CC Sys Of	114	0	0	0	0	0	0	0	0	114	0	0
Front Range Comm College	1	0	0	0	0	0	0	0	0	0	0	1
Gadsden State Cmty Col	297	0	0	0	0	0	0	0	0	0	0	297
Galveston College	20	0	0	0	0	0	0	0	0	0	20	0
Golden West College	55	0	0	0	0	0	0	0	0	0	55	0
Harris Stowe State Col	2	0	0	0	0	0	0	0	0	0	0	2
Hocking Technical College	150	0	0	0	0	0	0	0	150	0	0	0
Joliet Jr College	73	0	0	0	0	0	0	0	0	0	73	0
Kennesaw College	100	0	0	0	0	0	0	0	0	0	100	0
Lewis and Clark Cmty Col	120	0	0	0	0	0	0	0	0	0	120	0
Lorain County Cmty Col	61	0	0	0	0	0	0	0	0	61	0	0
Maricopa Co C C Sys Off	400	0	0	0	0	0	0	0	0	0	400	0
Merritt College	163	0	0	0	0	0	0	0	163	0	0	0
Middlesex County College	25	0	0	0	0	0	0	25	0	0	0	0
Mount San Antonio College	50	0	0	0	0	0	0	0	0	0	50	0
Mount Wachusett Cmty Col	1	0	0	0	0	0	0	0	0	0	0	1
Mountain Empire Cmty Col	31	0	0	0	0	0	0	0	0	0	31	0
Muskingum Area Tech Col	32	0	0	0	0	0	0	0	0	0	32	0
Navajo Community College	424	0	0	0	0	0	0	0	0	0	424	0
Northwest College	46	0	0	0	0	0	0	0	0	0	46	0
Oakland Community College	48	0	0	0	0	0	48	0	0	0	0	0
Olympic College	1	0	0	0	0	0	0	0	0	0	0	1
Parkland College	48	0	0	0	0	0	0	0	0	0	48	0
Prince Georges Cmty Col	48	0	0	0	0	0	0	0	0	0	48	0
Redlands Cmty Col	5	5	0	0	0	0	0	0	0	0	0	0
Richland College	1	0	0	0	0	0	0	0	0	0	0	1
San Diego City College	1,301	0	0	1,301	0	0	0	0	0	0	0	0
San Jose City College	43	0	0	0	43	0	0	0	0	0	0	0
San Juan College	37	0	0	0	0	0	0	0	0	0	0	37
Santa Fe Community Col	5	5	0	0	0	0	0	0	0	0	0	0
Sisseton-Wahpeton Cmty C	89	0	0	0	0	89	0	0	0	0	0	0
Snow College	28	0	0	0	0	0	0	0	0	0	28	0
Southwestern Cmty College	25	0	0	0	0	0	0	0	25	0	0	0
SUNY Ag & Tech Cobleskill	62	0	0	0	0	0	0	0	0	0	62	0
SUNY Erie CC North Cam	99	0	0	0	0	0	99	0	0	0	0	0
SUNY Fashion Inst Tech	42	0	0	0	41	0	0	0	0	0	0	1
Thomas Nelson Cmty Col	104	4	0	0	0	0	0	0	0	100	0	0
Triton College	80	0	0	0	0	0	0	0	0	0	80	0
Turtle Mountain Comm Col	50	0	0	0	0	50	0	0	0	0	0	0
Union Cnty Tech Institute	77	0	0	0	0	0	0	0	0	0	77	0
Univ of Hawaii - W. Oahu	95	95	0	0	0	0	0	0	0	0	0	0
Univ of Maine Augusta	63	0	0	0	0	0	63	0	0	0	0	0
Univ of Wis-Center System	1,445	0	0	851	0	0	155	0	112	0	314	13
Utah Valley Comm Col	20	0	0	0	0	0	0	0	0	20	0	0
Western Wyoming Cmty Col	16	0	0	0	0	0	0	0	0	0	0	16
WV Univ at Parkersburg	115	0	0	0	0	0	0	0	0	0	0	115
York Technical College	178	0	0	0	0	0	178	0	0	0	0	0

1/ In this table, Department of Defense (DOD) research is reported separately from DOD development. DOD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-14a. Federal obligations to private universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Doctorate-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Adelphi University	100	0	0	0	0	0	0	0	100	0	0	0
Albany Medical College	6,689	0	0	0	0	0	0	0	6,689	0	0	0
Alfred University	349	0	0	109	0	0	49	0	0	0	191	0
American University	1,466	0	0	311	0	0	0	0	476	83	596	0
Andrews University	92	0	0	0	0	0	0	0	0	0	92	0
Baylor Col of Dentistry	516	0	0	200	0	0	0	0	316	0	0	0
Baylor Col of Medicine	82,849	8,617	103	660	0	884	951	192	69,917	696	829	0
Baylor University	1,069	0	0	60	0	0	0	0	958	51	0	0
Boston College	16,698	0	0	3,459	0	0	10,209	104	1,792	171	818	145
Boston University	67,153	0	90	2,333	3,477	2,071	2,183	99	47,098	1,431	8,322	49
Brandeis University	19,672	270	0	164	0	66	861	0	14,150	484	3,677	0
Brigham Young University	5,215	6	0	353	0	192	562	199	958	123	2,772	50
Brown University	36,015	190	130	7,069	0	0	2,720	0	14,441	1,150	10,146	169
Bryn Mawr College	840	0	0	0	0	0	0	0	630	0	210	0
California Inst of Tech	80,585	0	91	14,071	0	0	9,922	292	14,938	10,997	28,304	1,970
Carnegie-Mellon Univ	50,167	0	99	16,806	1,481	0	3,284	389	7,638	3,040	17,153	277
Case Western Reserve Univ	87,747	380	0	2,607	0	510	10,232	117	62,596	6,605	4,700	0
Catholic Univ of America	4,590	100	175	1,962	83	0	287	50	592	772	569	0
Charles R. Drew Med&Sci	3,987	0	0	0	0	0	0	0	3,987	0	0	0
Chicago Col of Osteo Med	170	0	0	0	0	0	0	0	170	0	0	0
Clark Atlanta University	9,315	26	0	1,785	290	0	516	2,000	1,370	75	3,167	86
Clark University	1,812	0	0	277	0	0	87	177	227	0	544	500
Clarkson University	5,497	0	64	1,431	0	0	699	45	202	1,601	1,455	0
Columbia U Teachers Col	758	0	0	33	0	76	0	0	0	0	649	0
Columbia Univ Main Div	134,329	0	761	8,128	30	175	7,191	660	109,580	6,295	0	1,509
Columbia Univ Sys Off	35,282	0	0	0	0	0	0	0	618	0	34,532	132
Cornell University	156,151	12,465	307	16,894	0	0	4,921	752	68,705	5,263	46,650	194
Creighton University	3,329	0	0	93	0	0	65	0	3,171	0	0	0
CUNY Mount Sinai Schl Med	50,037	0	0	0	0	641	176	0	48,356	355	509	0
Dartmouth College	36,042	251	0	2,369	0	0	920	0	29,164	970	2,310	58
De Paul University	556	0	0	0	0	13	0	0	489	0	54	0
Drexel University	7,309	80	83	1,447	56	0	295	404	1,672	653	2,619	0
Duke University	128,098	464	221	4,493	466	0	3,861	1,915	105,862	557	10,095	164
Duquesne University	529	0	0	0	0	0	0	0	529	0	0	0
Eastern VA Medical School	9,280	0	0	0	0	0	0	0	2,066	224	0	6,990
Emerson College	149	0	0	0	0	0	0	0	149	0	0	0
Emory University	57,385	270	0	768	0	0	424	0	53,818	270	1,835	0
Florida Inst of Tech	1,711	0	0	306	0	0	0	207	816	152	230	0
Fordham University	1,383	0	0	0	0	99	0	0	992	0	292	0
George Washington Univ	22,824	0	103	1,538	80	730	687	233	15,296	3,128	989	40
Georgetown University	37,668	552	65	8,743	0	598	350	294	24,629	0	1,437	1,000
Hahnemann University	10,327	0	0	644	0	0	0	0	9,683	0	0	0
Harvard University	161,719	344	0	4,663	916	500	5,459	1,529	121,506	7,311	18,190	1,301
Hofstra University	284	0	0	10	0	0	0	0	139	86	49	0
Howard University	19,124	80	17	1,022	0	2,900	43	148	5,696	1,559	7,659	0
Illinois Inst of Tech	5,723	0	0	1,304	186	0	0	402	3,035	0	796	0
Inst of Paper Sci & Tech	598	0	0	0	0	0	598	0	0	0	0	0
Johns Hopkins University	490,893	365	318	6,421	263,091	1,879	4,825	820	197,220	5,639	10,080	235
Kirksville Col Osteo Med	350	0	0	0	0	0	0	0	350	0	0	0
Lehigh University	36,265	66	203	26,310	127	0	1,817	111	696	278	6,597	60
Loma Linda University	3,140	0	0	0	0	0	0	0	2,811	0	313	16
Long Island University	283	0	0	0	0	0	0	0	0	0	283	0
Loyola Univ - Chicago	9,391	0	0	287	0	0	0	0	7,104	0	2,000	0
Maharishi Intl University	342	0	0	0	0	0	0	0	251	0	91	0
Marquette University	2,890	0	0	81	0	0	83	0	1,109	196	1,376	45
Mass Inst of Technology	232,619	450	1,156	54,707	372	659	48,253	600	56,465	24,796	40,939	4,222
Medical Col of Penn	17,568	0	0	97	0	0	0	0	17,385	0	86	0
Medical College of Wis	23,281	290	0	0	0	0	0	0	21,286	323	627	755
Meharry Medical College	8,728	0	0	590	0	0	0	221	6,320	0	1,597	0
Mercer University	2,663	0	0	0	2,248	0	0	0	242	0	173	0
Morehouse School of Med	6,051	0	0	0	0	0	0	340	5,656	0	55	0
New Sch for Soc Research	306	0	0	0	0	0	0	0	187	0	119	0
New York Inst Technology	53	0	0	53	0	0	0	0	0	0	0	0
New York Medical College	11,452	0	0	0	0	0	0	0	11,252	0	200	0
New York University	86,150	0	0	5,673	687	110	3,522	927	69,548	301	5,382	0
Northeastern University	12,154	200	0	1,934	111	0	588	100	4,273	65	4,883	0
Northwestern University	67,725	340	113	6,943	206	1,486	3,847	0	40,308	1,605	12,827	50

See explanatory information, if any, and SOURCE at end of table.

Table B-14a. Federal obligations to private universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Doctorate-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Nova University	1,428	0	44	188	0	0	0	0	216	0	980	0
Oregon Grad Inst Sci Tech	4,856	357	0	759	0	0	505	456	490	0	1,246	1,043
Pace University	242	0	0	0	0	0	0	0	242	0	0	0
Phila Col of Pharm & Sci	287	0	0	0	0	0	0	0	274	13	0	0
Phila Col Osteopathic Med	2	0	0	0	0	0	0	0	2	0	0	0
Polytechnic University	3,826	0	0	2,083	100	0	187	0	0	172	1,284	0
Ponce School of Medicine	1,792	0	0	0	0	0	0	0	1,792	0	0	0
Princeton University	51,233	0	7	8,819	0	0	6,053	620	14,280	3,996	17,150	308
Providence College	65	0	0	0	0	0	0	0	0	0	65	0
Rensselaer Polytech Inst	20,073	40	300	5,012	400	0	2,386	185	1,779	2,998	6,495	478
Rice University	16,052	120	48	2,561	0	0	2,229	569	2,869	1,844	5,769	43
Rockefeller University	39,718	0	0	249	0	0	1,082	0	37,434	0	953	0
Rush University	1,080	0	0	0	0	0	0	0	1,080	0	0	0
Santa Clara University	581	0	0	0	0	0	0	0	0	159	422	0
Seton Hall University	318	0	0	0	0	0	0	0	318	0	0	0
Smith College	267	0	0	0	0	0	0	0	223	44	0	0
Southern Methodist Univ	5,139	0	0	2,583	0	0	188	0	845	141	1,382	0
St John's University (NY)	855	0	0	0	0	0	0	0	851	0	4	0
St Louis University	15,068	0	0	108	0	0	0	0	13,549	63	647	701
Stanford University	237,842	140	30	28,590	362	800	19,712	2,259	106,238	54,199	25,432	80
Stevens Institute of Tech	8,031	0	0	7,244	96	0	0	31	0	62	598	0
Syracuse University	13,726	0	0	586	436	460	1,278	254	6,747	104	3,795	66
Texas Christian Univ	2,710	0	0	37	0	0	0	0	2,499	0	174	0
Thomas Jefferson Univ	26,068	0	0	62	0	969	0	0	24,866	0	171	0
Tufts University	41,571	11,838	0	289	0	128	897	3,530	22,548	50	2,285	6
Tulane University	24,276	40	0	189	0	0	70	153	22,546	144	1,134	0
U Ctrl Del Caribe Esc Med	1,248	0	0	0	0	0	0	0	1,248	0	0	0
U Hlth Sci/Chcgo Med Sch	3,573	0	0	0	0	0	0	0	3,400	0	173	0
Union College (NY)	242	0	0	0	0	0	0	0	0	0	242	0
Univ of Pennsylvania	169,352	334	45	20,841	0	1,652	5,783	0	123,542	120	17,035	0
Univ of Southern Cal	133,074	0	445	27,472	15,986	770	1,027	39	68,906	3,285	12,731	2,413
University of the Pacific	785	0	0	0	0	0	0	0	742	0	43	0
University of Chicago	97,949	227	133	3,118	0	0	4,099	0	66,988	5,829	17,555	0
University of Dayton	23,809	0	66	19,390	2,578	0	0	455	136	127	832	225
University of Denver	6,374	0	0	1,659	311	0	59	107	2,184	625	1,429	0
University of Detroit	203	0	0	76	0	0	0	0	0	0	127	0
University of Miami	68,511	0	2,349	5,952	46	179	224	353	48,905	2,082	8,421	0
University of New England	64	0	0	0	0	0	0	0	64	0	0	0
University of Notre Dame	13,767	0	30	1,301	0	71	3,473	285	3,216	314	5,077	0
University of Rochester	103,510	140	0	5,204	2,010	170	17,370	0	70,549	1,464	6,603	0
University of Tulsa	1,069	0	0	0	0	0	245	0	255	0	569	0
Vanderbilt University	76,437	65	0	5,243	0	143	707	75	65,434	2,590	2,087	93
Villanova University	935	0	0	0	0	0	0	0	271	98	566	0
Wake Forest University	35,224	0	239	192	0	0	43	0	34,111	262	377	0
Washington University	125,282	0	35	1,543	113	0	1,548	120	112,243	3,147	6,533	0
Wesleyan University	2,284	0	0	49	0	0	0	30	885	0	1,320	0
Woods Hole Ocngrphic Inst	50,891	0	1,189	19,964	2,488	0	1,266	0	347	721	23,916	1,000
Worcester Poly Institute	2,191	0	0	330	128	0	337	195	220	173	808	0
Xavier University of LA	1,821	0	0	312	0	0	0	0	1,509	0	0	0
Yale University	152,513	233	22	5,522	49	0	9,351	172	125,729	1,159	10,261	15
Yeshiva University	72,115	0	0	235	0	156	0	0	71,441	0	283	0

1/ In this table, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

80 BEST COPY AVAILABLE

Table B-14b. Federal obligations to private universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Master's-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Abilene Christian Univ	88	0	0	0	0	0	88	0	0	0	0	0
Augustana College	30	0	0	0	0	0	0	0	0	0	30	0
Bradley University	45	0	0	0	0	0	0	0	0	0	45	0
Bucknell University	499	0	0	0	0	0	0	0	129	0	370	0
Butler University	335	0	0	28	0	0	0	250	0	0	57	0
Col of the Holy Cross	51	0	0	0	0	0	0	0	0	0	51	0
College of New Rochelle	394	0	0	0	0	0	0	0	0	0	394	0
Connecticut College	74	0	0	0	0	0	0	0	62	0	12	0
De Pauw University	50	0	0	0	0	0	0	0	0	50	0	0
Drake University	33	0	0	0	0	0	0	0	0	0	33	0
Drew University	136	0	0	0	0	0	0	0	106	0	30	0
Fisk University	705	0	0	0	0	0	126	25	0	404	0	150
Furman University	215	5	0	0	0	0	0	0	0	0	210	0
Gallaudet University	3,974	0	0	0	0	3,100	0	0	338	15	521	0
Gonzaga University	233	0	0	0	0	0	0	0	0	0	233	0
Hampton University	5,672	0	0	1,434	0	0	231	0	304	2,071	1,562	70
Harvey Mudd College	210	0	0	32	0	0	0	0	104	0	74	0
Inter Am U Pr-San German	32	0	0	0	0	0	0	0	0	0	32	0
Iona College	58	0	0	0	0	0	0	0	0	0	58	0
Ithaca College	380	0	0	0	0	0	0	0	0	0	380	0
John Carroll University	307	0	0	0	0	0	0	0	0	230	77	0
Loyola College	522	0	0	3	0	0	0	0	0	0	519	0
Manhattan College	528	0	0	0	0	0	45	456	0	0	27	0
Middlebury College	222	0	0	60	0	0	0	0	0	67	95	0
Milwaukee School of Eng	89	0	0	0	0	0	0	0	0	0	89	0
Monmouth College (NJ)	3	0	0	0	0	0	0	0	0	0	3	0
Mount Holyoke College	895	0	0	0	0	29	110	0	42	48	666	0
Nat Col of Natur Medicine	2,018	0	0	0	0	0	0	0	2,018	0	0	0
Norwich University	44	0	0	0	0	0	0	0	0	25	19	0
Oberlin College	506	0	0	0	0	0	0	0	70	0	436	0
Occidental College	1,329	0	0	103	0	0	0	0	188	0	1,038	0
Pepperdine University	56	0	0	0	0	0	0	0	0	0	56	0
Pratt Institute	70	0	0	0	0	0	0	0	0	0	70	0
Rider College	63	0	0	0	0	0	0	0	0	63	0	0
Rochester Inst Technology	1,881	0	0	55	0	1,600	0	0	66	106	54	0
Rose-Hulman Inst of Tech	141	0	0	0	0	0	0	0	0	0	141	0
Russell Sage College	96	0	0	0	0	0	0	0	96	0	0	0
Sarah Lawrence College	26	0	0	0	0	0	0	0	0	0	26	0
Swarthmore College	885	0	0	0	0	0	0	0	229	39	617	0
Trinity College	135	0	0	0	0	0	0	0	0	0	135	0
Trinity University	635	0	0	0	0	0	0	0	313	0	322	0
Tuskegee University	5,165	2,094	0	704	60	0	310	0	1,384	337	271	5
Univ of San Francisco	692	0	0	36	0	0	0	0	194	240	222	0
University of Evansville	25	0	0	0	0	0	0	0	0	25	0	0
University of Hartford	226	0	0	0	0	0	0	0	0	0	226	0
University of Puget Sound	172	0	0	0	0	0	0	0	94	17	61	0
University of Richmond	288	0	0	0	0	0	88	0	73	55	72	0
University of San Diego	593	0	0	0	0	0	0	0	414	0	179	0
University of Scranton	10,076	0	0	10,000	0	0	0	0	0	0	76	0
Valparaiso University	230	0	0	0	0	0	154	0	0	6	70	0
Vassar College	356	0	0	0	0	0	0	0	258	0	98	0
Walla Walla College	25	0	0	0	0	0	0	0	25	0	0	0
Washington College	34	0	0	0	0	0	0	0	0	0	34	0
Western New England Col	56	0	0	0	0	0	0	0	0	0	56	0
Whitworth College	208	0	0	0	0	0	0	0	98	0	110	0
Widener University	88	0	0	0	0	0	0	0	78	0	10	0
Wilkes University	33	0	0	0	0	0	0	0	0	0	33	0
Williams College	1,161	0	0	83	0	0	0	0	257	52	769	0
Xavier University	185	0	0	0	0	0	185	0	0	0	0	0

1/ In this table, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-14c. Federal obligations to private universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Bachelor's-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Albion College	14	0	0	0	0	0	0	0	0	0	14	0
Allegheny College	883	0	0	0	0	0	50	0	100	0	733	0
Alma College	39	0	0	0	0	0	0	0	0	0	39	0
Amherst College	618	0	0	0	0	0	0	0	351	0	267	0
Arkansas College	16	0	0	0	0	0	0	0	0	16	0	0
Augsburg College	184	0	0	0	0	0	0	0	0	40	144	0
Augustana College	135	0	0	0	0	0	0	0	64	0	71	0
Avila College	62	0	0	0	0	0	0	0	10	0	50	2
Babson College	42	0	0	0	0	0	0	0	0	0	42	0
Baldwin-Wallace College	14	0	0	0	0	0	0	0	0	14	0	0
Barnard College	675	0	0	15	0	0	0	0	521	0	139	0
Bates College	280	0	0	0	0	0	0	0	109	0	171	0
Belmont College	22	0	0	0	0	0	0	0	0	0	22	0
Beloit College	426	0	0	0	0	0	0	0	0	96	330	0
Bennett College (NC)	90	0	0	0	0	0	0	0	90	0	0	0
Berea College	63	0	0	0	0	0	0	0	0	0	63	0
Bethel College	23	0	0	0	0	0	0	0	23	0	0	0
Bethel College & Seminary	6	0	0	0	0	0	0	0	0	0	6	0
Bethune Cookman College	80	0	0	0	0	0	0	0	0	75	5	0
Bowdoin College	288	0	0	0	0	0	0	0	0	50	238	0
Briar Cliff College	21	0	0	0	0	0	0	0	21	0	0	0
Calvin College	237	0	0	32	0	0	0	0	0	0	205	0
Canisius College	319	0	0	0	0	0	0	0	96	0	223	0
Carleton College	521	90	0	0	0	0	0	0	155	27	249	0
Carroll College (WI)	88	0	0	0	0	0	0	0	0	0	88	0
Centre College	22	0	0	0	0	0	0	0	0	22	0	0
Claflin College	151	0	0	0	0	0	100	0	51	0	0	0
Claremont Mckenna College	45	0	0	5	0	0	0	0	0	40	0	0
Coe College	25	0	0	0	0	0	0	0	0	0	25	0
Col of Notre Dame of MD	116	0	0	0	0	0	0	0	0	0	116	0
Colby College	183	0	0	0	0	0	0	0	118	0	65	0
Colgate University	711	0	0	0	0	0	0	0	158	0	553	0
College of St Mary	2	0	0	0	0	0	0	0	0	0	0	2
College of Wooster	143	0	0	0	0	0	0	0	0	0	143	0
Colorado College	5	0	0	0	0	0	0	0	0	5	0	0
Columbia College	361	0	0	96	0	0	0	0	0	0	265	0
Columbia Union College	115	0	0	0	0	0	0	0	0	0	115	0
Davidson College	244	0	0	0	0	0	0	0	0	0	244	0
Davis & Elkins College	5	5	0	0	0	0	0	0	0	0	0	0
Denison University	131	0	0	0	0	0	49	0	82	0	0	0
Dickinson College	256	0	0	0	0	0	0	0	101	0	155	0
Dillard University	24	24	0	0	0	0	0	0	0	0	0	0
Dordt College	13	0	0	0	0	0	0	0	0	0	13	0
Drury College	10	0	0	0	0	0	0	0	0	0	10	0
Eckerd College	145	0	0	0	0	0	0	0	0	0	145	0
Elizabethtown College	66	0	0	0	0	66	0	0	0	0	0	0
Embry-Riddle Aero Univ	574	0	41	0	0	0	0	0	0	0	329	204
Fairfield University	368	0	0	0	0	0	30	0	0	0	338	0
Ferrum College	235	0	0	0	0	0	0	0	0	0	235	0
Franklin & Marshall Col	713	0	0	0	0	0	0	0	0	0	713	0
Gettysburg College	29	0	0	0	0	0	0	0	0	0	29	0
Grinnell College	113	0	0	0	0	0	0	0	0	0	113	0
Gustavus Adolphus College	27	0	0	0	0	0	0	0	0	0	27	0
GMI Engr/Management Inst	106	0	0	0	0	0	0	0	0	0	106	0
Hamilton College	288	0	0	0	0	0	0	0	0	0	288	0
Hampden-Sydney College	57	0	0	0	0	0	0	0	0	26	31	0
Hampshire College	292	0	0	0	0	0	0	0	99	0	193	0
Harding University	41	0	0	0	0	0	0	0	0	41	0	0
Hartwick College	138	0	0	0	0	0	0	0	79	0	59	0
Haverford College	699	0	0	0	0	0	0	0	0	16	683	0
Heidelberg College	18	0	18	0	0	0	0	0	0	0	0	0
Hellenic Col Holy Cross	88	0	0	0	0	0	0	0	88	0	0	0
Hope College	591	0	0	0	0	0	0	0	100	0	491	0
Inter Amer U of PR Metrop	188	0	0	0	0	0	0	0	0	0	188	0
Jarvis Christian College	172	0	0	125	0	0	0	0	47	0	0	0
Johnson C Smith Univ	11	0	0	0	0	0	11	0	0	0	0	0
Juniata College	146	0	0	0	0	0	0	0	0	0	146	0
Kalamazoo College	175	0	0	0	0	0	0	0	131	0	44	0
Kenyon College	81	0	0	0	0	0	0	0	0	9	72	0
King's College (PA)	58	0	0	0	0	0	0	0	0	0	58	0
Knox College	375	0	0	0	0	0	0	0	159	0	216	0
La Salle University	77	0	0	77	0	0	0	0	0	0	0	0
Lafayette College	223	0	0	20	0	0	0	0	0	0	203	0
Lake Forest College	568	0	0	0	0	0	0	0	0	0	568	0
Lawrence Technical Univ	58	0	0	0	0	0	0	0	0	0	58	0
Le Moyne-Owen College	62	0	0	0	0	0	0	0	50	0	12	0
Lebanon Valley College	53	0	0	0	0	0	0	0	0	0	53	0

See explanatory information, if any, and SOURCE at end of table.

Table B-14c. Federal obligations to private universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Bachelor's-granting institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Lewis & Clark College	17	0	0	0	0	0	0	0	0	0	17	0
Linfield College	174	0	0	174	0	0	0	0	0	0	0	0
Luther College	118	0	0	0	0	0	0	0	16	0	102	0
Macalester College	424	0	0	0	0	0	0	0	0	0	424	0
Madonna College	155	0	0	0	0	0	0	0	0	0	155	0
Marietta College	80	0	0	0	0	0	0	0	0	0	80	0
Merrimack College	8	0	0	0	0	0	0	0	0	0	8	0
Mills College	193	0	0	0	0	0	0	0	0	0	193	0
Morehouse College	778	0	0	130	0	0	0	108	214	0	326	0
Morris Brown College	244	0	0	148	96	0	0	0	0	0	0	0
Mount St Mary's College	49	0	0	0	0	0	0	0	0	0	49	0
N E Col of Optometry	112	0	0	0	0	0	0	0	112	0	0	0
N Y Col of Podiatric Med	45	0	0	0	0	0	0	0	45	0	0	0
Nazareth Col of Rochester	25	0	0	0	0	0	0	0	25	0	0	0
Nebraska Wesleyan Univ	150	0	0	0	0	0	0	0	0	0	150	0
Notre Dame College (OH)	102	0	0	0	0	0	0	0	0	0	102	0
Ohio Wesleyan University	136	0	0	136	0	0	0	0	0	0	0	0
Ouachita Baptist Univ	56	0	0	56	0	0	0	0	0	0	0	0
Pennsylvania Col Optomet	398	0	0	0	0	0	0	0	398	0	0	0
Philander Smith College	6	5	0	0	0	0	0	0	0	0	0	1
Pitzer College	177	0	0	0	0	0	0	0	120	0	57	0
Point Loma College	106	0	0	0	0	0	0	0	79	0	27	0
Pomona College	343	0	0	0	0	0	0	0	90	0	253	0
Radcliffe College	712	0	0	524	0	0	0	0	188	0	0	0
Reed College	316	0	0	0	0	0	41	0	92	38	145	0
Rhodes College	69	0	0	0	0	0	0	0	0	0	69	0
Rust College	50	0	0	50	0	0	0	0	0	0	0	0
Shaw University	32	20	0	0	0	0	0	0	0	0	12	0
Simmons College	793	0	0	0	0	0	0	0	318	0	475	0
Skidmore College	97	0	0	0	0	0	0	0	97	0	0	0
Southern Col of Optometry	61	0	0	0	0	0	0	0	61	0	0	0
Southwestern Univ (TX)	35	0	0	10	0	0	0	0	25	0	0	0
Spelman College	320	0	0	0	0	0	0	0	0	0	320	0
St Anselm College	16	0	0	0	0	0	0	0	16	0	0	0
St Edward's University	55	0	0	0	0	0	0	0	25	0	30	0
St Johns University	92	0	0	0	0	0	0	0	92	0	0	0
St Lawrence University	8	8	0	0	0	0	0	0	0	0	0	0
St Mary's Col California	16	0	0	0	0	0	0	0	0	0	16	0
St Mary's College	119	0	0	0	0	0	0	0	0	12	107	0
St Norbert College	15	0	0	0	0	0	0	0	0	15	0	0
St Olaf College	550	0	0	0	0	0	0	0	0	0	550	0
St Vincent Col and Sem	10	10	0	0	0	0	0	0	0	0	0	0
Susquehanna University	56	0	0	0	0	0	0	0	0	28	28	0
Talladega College	222	0	0	0	0	0	0	0	0	0	222	0
Univ of the Sacred Heart	42	0	0	0	0	0	0	0	0	0	42	0
Univ of Saint Thomas	157	0	0	0	0	0	0	0	0	0	157	0
University of the South	18	0	0	0	0	0	0	0	0	0	18	0
University of Dallas	698	0	0	0	0	317	0	0	0	0	381	0
Upsala College	20	0	0	0	0	0	0	20	0	0	0	0
Washington & Lee Univ	226	0	0	0	0	0	0	0	26	0	200	0
Wellesley College	1,235	0	0	93	0	0	0	0	568	77	497	0
Wentworth Inst of Tech	1,017	0	0	0	919	0	0	0	0	0	98	0
Western Maryland College	32	0	0	0	0	0	0	0	0	0	32	0
Westminster College (UT)	14	0	0	0	0	0	0	0	0	0	14	0
Westmont College	34	0	0	0	0	0	0	0	0	0	34	0
Wheeling College	1,250	0	0	0	0	0	0	0	0	1,250	0	0
Whitman College	110	0	0	65	0	0	15	0	0	0	30	0
Wilberforce University	6	6	0	0	0	0	0	0	0	0	0	0
Wiley College	58	0	0	0	0	0	0	0	0	0	58	0
Willamette University	22	0	0	0	0	0	0	0	0	0	22	0
William Woods College	11	0	0	0	0	0	0	0	11	0	0	0

1/ In this table, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-14d. Federal obligations to private universities and colleges for research and development, by highest degree granted and agency: fiscal year 1991

[Dollars in thousands]

Institution not granting science degrees	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Alaska Pacific University	40	0	0	40	0	0	0	0	0	0	0	0
Amer Grad Sch of Intl Man	45	0	0	0	0	45	0	0	0	0	0	0
Atlanta University Center	1,762	0	0	0	0	0	1,762	0	0	0	0	0
Bank Street Col of Ed	1,736	0	0	0	0	1,200	0	0	0	0	536	0
Beckley College	896	0	0	0	0	0	896	0	0	0	0	0
Bentley College	57	0	0	0	0	0	0	0	0	0	57	0
Blackfeet Community Col	315	0	0	0	0	0	0	0	0	0	315	0
College of the Atlantic	4	0	0	0	0	0	0	0	0	0	0	4
Concordia Lutheran Col	146	0	0	0	0	0	0	0	0	0	146	0
Corcoran School of Art	31	0	0	0	0	0	0	0	0	31	0	0
Dull Knife Memorial Col	165	0	0	0	0	165	0	0	0	0	0	0
Endicott College	81	0	0	0	0	0	0	0	81	0	0	0
Haywood Community College	4	4	0	0	0	0	0	0	0	0	0	0
Lawrence University	102	0	0	0	0	0	0	0	0	0	102	0
Lesley College	832	0	0	0	0	432	0	0	0	0	400	0
Little Big Horn College	146	0	0	0	0	146	0	0	0	0	0	0
Martin Center College	672	0	0	0	0	0	0	0	672	0	0	0
Northwest Indian College	7	0	0	0	0	0	0	0	0	0	7	0
Parker Coll of Chiropract	4,071	0	0	0	0	0	0	0	4,071	0	0	0
Princeton Theol Sem	125	0	0	125	0	0	0	0	0	0	0	0
Salish Kootenai Cmty Col	194	0	0	0	0	194	0	0	0	0	0	0
Simon's Rock	25	0	0	0	0	0	0	0	25	0	0	0
St Thomas Seminary	717	0	0	717	0	0	0	0	0	0	0	0
Standing Rock College	172	0	0	0	0	172	0	0	0	0	0	0
Vermont Law School	287	0	0	0	0	0	0	287	0	0	0	0

1/ In this table, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

S4

Table B-15. Federal obligations for research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1991: fiscal years 1984-91

[Dollars in thousands]

Institution	1984	1985	1986	1987	1988	1989	1990	1991
Total, all institutions	50,321	56,593	57,042	62,632	62,770	92,117	100,966	121,233
1 Howard University	8,807	13,733	9,497	9,173	6,719	12,291	15,541	19,124
2 Florida A & M University	1,725	2,633	2,368	2,526	2,194	3,340	4,480	10,121
3 Clark Atlanta University	1,753	3,310	3,363	2,606	2,959	5,379	7,947	9,315
4 Meharry Medical College	1,335	2,641	3,024	5,197	3,865	5,923	6,608	8,728
5 Morehouse School of Med	733	335	1,628	2,188	2,211	3,862	4,911	6,051
6 NC Ag & Tech State Univ	3,609	3,191	3,620	3,421	4,234	6,617	6,078	5,955
7 Hampton University	992	1,160	1,326	1,629	1,686	3,464	5,094	5,672
8 Tennessee State Univ	2,443	2,235	2,307	2,849	2,751	3,031	3,988	5,467
9 Alabama A & M University	2,632	2,488	2,660	3,580	3,863	4,477	4,702	5,411
10 Tuskegee University	3,021	2,524	3,021	3,027	3,323	3,627	4,151	5,165
Total 1st 10 institutions	27,050	34,250	32,814	36,196	33,805	52,011	63,500	81,009
11 Prairie View A & M Univ	2,696	2,257	2,308	2,345	2,526	2,839	3,296	3,472
12 Jackson State University	939	435	1,279	1,827	2,314	3,204	3,136	3,184
13 Southern U & A&M College	1,732	1,286	1,805	1,710	1,543	1,991	2,079	2,599
14 Kentucky State University	1,637	1,612	1,638	1,848	1,789	1,919	2,397	2,364
15 Virginia State University	1,426	1,769	1,863	1,906	1,625	1,776	2,205	2,348
16 University of D C	818	822	749	756	633	1,038	1,294	2,202
17 Texas Southern Univ	760	304	1,415	1,511	1,554	1,612	1,795	1,918
18 Lincoln University (MO)	1,515	1,548	1,452	1,447	1,552	1,674	1,902	1,909
19 Fort Valley State College	1,828	1,841	1,753	1,432	1,594	1,684	2,014	1,897
20 Langston University	1,034	885	1,073	1,100	1,114	1,146	1,197	1,851
Total 1st 20 institutions	41,435	47,009	48,149	52,078	50,049	70,894	84,815	104,753
21 South Carolina St College	1,188	996	1,112	1,189	1,154	1,593	1,536	1,839
22 Xavier University of LA	149	130	90	110	998	8,545	1,546	1,821
23 Alcorn State University	1,365	1,191	1,348	1,338	1,378	1,447	1,463	1,819
24 U of MD Eastern Shore	762	779	776	1,152	810	1,023	1,886	1,560
25 Univ of Ark Pine Bluff	1,185	1,236	1,157	1,166	1,215	1,262	1,345	1,545
26 U of the Virgin Islands	599	931	916	1,026	1,091	1,052	1,053	1,048
27 Morehouse College	313	558	392	43	428	333	391	778
28 Fisk University	384	264	934	443	574	469	707	705
29 Delaware State College	508	455	441	461	481	487	545	647
30 Morgan State University	372	813	274	517	469	647	1,041	603
Total 1st 30 institutions	48,260	54,362	55,589	59,523	58,647	87,752	96,328	117,118
31 Lincoln University (PA)	357	417	360	351	272	648	661	525
32 Central State University	52	106	0	0	135	227	605	441
33 North Carolina Cntrl Univ	141	534	0	344	545	402	395	411
34 Spelman College	204	129	33	215	294	230	255	320
35 West Virginia State Col	0	0	0	59	0	75	242	305
36 Grambling State Univ	10	102	124	251	378	594	557	269
37 Morris Brown College	0	14	0	0	0	10	172	244
38 Talladega College	0	0	0	0	0	0	0	222
39 Norfolk State University	114	35	82	143	315	816	205	209
40 Bowie State University	150	300	70	130	171	0	155	175
Total 1st 40 institutions	49,288	55,999	56,258	61,016	60,757	90,754	99,575	120,239
41 Jarvis Christian College	0	0	0	0	0	59	125	172
42 Claflin College	0	0	48	52	76	30	195	151
43 Alabama State University	168	0	45	76	90	74	0	130
44 Bennett College (NC)	0	0	0	40	41	45	106	90
45 Bethune Cookman College	0	20	0	0	0	92	5	80
46 Le Moyne-Owen College	0	0	0	13	0	0	270	62
47 Bluefield State College	0	0	0	0	0	0	50	60
48 Wiley College	0	0	0	0	0	55	113	58
49 Rust College	43	90	53	55	76	52	12	50
50 Shaw University	0	0	85	0	0	0	20	32
Total 1st 50 institutions	49,499	56,109	56,489	61,252	61,040	91,161	100,471	121,124

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1991: fiscal years 1984-91

[Dollars in thousands]

Institution	1984	1985	1986	1987	1988	1989	1990	1991
51 Elizabeth City State Univ	0	0	0	0	12	0	88	29
52 Coppin State College	85	0	0	0	0	0	25	25
53 Dillard University	100	93	27	41	0	0	10	24
54 Johnson C Smith Univ	0	0	0	0	0	0	7	11
55 Savannah State College	0	0	0	19	90	115	86	6
56 Wilberforce University	0	0	0	0	0	0	10	6
57 Philander Smith College	0	0	0	0	0	5	0	6
58 Harris Stowe State Col	0	0	0	0	0	0	0	2
Albany State College	0	0	0	97	380	0	39	0
Benedict College	406	224	151	25	4	25	41	0
Total 1st 60 institutions	50,090	56,426	56,667	61,434	61,526	91,306	100,777	121,233
Bishop College	32	0	0	64	67	0	0	0
Knoxville College	0	0	7	7	0	0	0	0
Miss Valley State Univ	31	0	0	728	606	606	10	0
Oakwood College	118	0	75	75	0	0	0	0
Paine College	0	0	0	44	43	0	0	0
Paul Quinn College	0	0	0	0	0	25	25	0
Selma University	0	0	0	141	183	0	140	0
St Augustines College	50	0	0	0	0	50	0	0
Tougaloo College	0	75	96	0	156	0	0	0
Voorhees College	0	0	85	48	62	63	14	0
Total 1st 70 institutions	50,321	56,501	56,930	62,541	62,643	92,050	100,966	121,233
Winston-Salem State Univ	0	92	112	91	127	67	0	0
Total 1st 71 institutions	50,321	56,593	57,042	62,632	62,770	92,117	100,966	121,233

NOTE: Institutions having no current year obligations are listed in alphabetical order.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-16. Federal obligations for research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Total, all institutions	121,233	33,130	97	11,871	6,015	2,948	4,097	3,534	27,672	9,834	20,706	1,329
1 Howard University	19,124	80	17	1,022	0	2,900	43	148	5,696	1,559	7,659	0
2 Florida A & M University	10,121	1,714	0	1,772	4,278	48	23	0	1,248	377	636	25
3 Clark Atlanta University	9,315	26	0	1,785	290	0	516	2,000	1,370	75	3,167	86
4 Meharry Medical College	8,728	0	0	590	0	0	0	221	6,320	0	1,597	0
5 Morehouse School of Med	6,051	0	0	0	0	0	0	340	5,656	0	55	0
6 NC Ag & Tech State Univ	5,955	2,795	0	1,172	204	0	160	75	115	1,018	266	150
7 Hampton University	5,672	0	0	1,434	0	0	231	0	304	2,071	1,562	70
8 Tennessee State Univ	5,467	2,623	0	50	148	0	0	0	1,581	378	687	0
9 Alabama A & M University	5,411	2,089	0	634	496	0	0	0	50	1,004	1,000	138
10 Tuskegee University	5,165	2,094	0	704	60	0	310	0	1,384	337	271	5
Total 1st 10 institutions	81,009	11,421	17	9,163	5,476	2,948	1,283	2,784	23,724	6,819	16,900	474
11 Prairie View A & M Univ	3,472	2,457	0	0	0	0	260	0	0	355	300	100
12 Jackson State University	3,184	3	25	303	0	0	1,665	0	205	222	587	194
13 Southern U & A&M College	2,599	1,461	0	184	0	0	12	400	0	0	513	29
14 Kentucky State University	2,364	2,315	49	0	0	0	0	0	0	0	0	0
15 Virginia State University	2,348	1,862	0	0	97	0	86	0	0	253	50	0
16 University of D C	2,202	484	0	323	0	0	0	0	0	774	516	105
17 Texas Southern Univ	1,918	0	0	0	0	0	39	87	1,477	275	40	0
18 Lincoln University (MO)	1,909	1,903	0	0	0	0	0	0	0	0	0	6
19 Fort Valley State College	1,897	1,644	0	0	0	0	203	0	0	0	50	0
20 Langston University	1,851	1,844	0	0	0	0	7	0	0	0	0	0
Total 1st 20 institutions	104,753	25,394	91	9,973	5,573	2,948	3,555	3,271	25,406	8,698	18,936	908
21 South Carolina St College	1,839	1,593	0	200	0	0	46	0	0	0	0	0
22 Xavier University of LA	1,821	0	0	312	0	0	0	0	1,509	0	0	0
23 Alcorn State University	1,819	1,819	0	0	0	0	0	0	0	0	0	0
24 U of MD Eastern Shore	1,560	1,273	0	0	0	0	0	0	96	0	191	0
25 Univ of Ark Pine Bluff	1,545	1,490	0	0	0	0	0	0	0	0	0	55
26 U of the Virgin Islands	1,048	940	0	0	0	0	0	0	0	0	0	108
27 Morehouse College	778	0	0	130	0	0	0	108	214	0	326	0
28 Fisk University	705	0	0	0	0	0	126	25	0	404	0	150
29 Delaware State College	647	549	0	98	0	0	0	0	0	0	0	0
30 Morgan State University	603	0	0	31	0	0	0	80	0	292	200	0
Total 1st 30 institutions	117,118	33,058	91	10,744	5,573	2,948	3,727	3,484	27,225	9,394	19,653	1,221
31 Lincoln University (PA)	525	0	0	436	0	0	0	0	0	0	84	5
32 Central State University	441	0	0	0	267	0	17	0	90	0	67	0
33 North Carolina Cntrl Univ	411	17	0	339	0	0	0	50	0	0	5	0
34 Spelman College	320	0	0	0	0	0	0	0	0	0	320	0
35 West Virginia State Col	305	0	0	0	0	0	0	0	0	265	0	40
36 Grambling State Univ	269	0	0	0	0	0	133	0	0	0	136	0
37 Morris Brown College	244	0	0	148	96	0	0	0	0	0	0	0
38 Talladega College	222	0	0	0	0	0	0	0	0	0	222	0
39 Norfolk State University	209	0	0	0	0	0	109	0	0	100	0	0
40 Bowie State University	175	0	0	0	79	0	0	0	0	0	96	0
Total 1st 40 institutions	120,239	33,075	91	11,667	6,015	2,948	3,986	3,534	27,315	9,759	20,583	1,266
41 Jarvis Christian College	172	0	0	125	0	0	0	0	47	0	0	0
42 Claflin College	151	0	0	0	0	0	100	0	51	0	0	0
43 Alabama State University	130	0	0	0	0	0	0	0	94	0	36	0
44 Bennett College (NC)	90	0	0	0	0	0	0	0	90	0	0	0
45 Bethune Cookman College	80	0	0	0	0	0	0	0	0	75	5	0
46 Le Moyne-Owen College	62	0	0	0	0	0	0	0	50	0	12	0
47 Bluefield State College	60	0	0	0	0	0	0	0	0	0	0	60
48 Wiley College	58	0	0	0	0	0	0	0	0	0	58	0
49 Rust College	50	0	0	50	0	0	0	0	0	0	0	0
50 Shaw University	32	20	0	0	0	0	0	0	0	0	12	0
Total 1st 50 institutions	121,092	33,075	91	11,842	6,015	2,948	4,086	3,534	27,647	9,834	20,694	1,326

See explanatory information, if any, and SOURCE at end of table.

87

Table B-16. Federal obligations for research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
51 Elizabeth City State Univ	29	0	0	29	0	0	0	0	0	0	0	0
52 Coppin State College	25	0	0	0	0	0	0	0	25	0	0	0
53 Dillard University	24	24	0	0	0	0	0	0	0	0	0	0
54 Johnson C Smith Univ	11	0	0	0	0	0	11	0	0	0	0	0
55 Philander Smith College	6	5	0	0	0	0	0	0	0	0	0	1
56 Wilberforce University	6	6	0	0	0	0	0	0	0	0	0	0
57 Savannah State College	6	0	6	0	0	0	0	0	0	0	0	0
58 Harris Stowe State Col	2	0	0	0	0	0	0	0	0	0	0	2
Total 1st 58 institutions	121,233	33,130	97	11,871	6,015	2,948	4,097	3,534	27,672	9,834	20,706	1,329

1/ Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-17. Federal obligations to systems of universities and colleges for research and development, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

System of universities and colleges	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Total, all Systems	3,461,582	168,566	24,788	262,129	94,025	28,977	241,394	42,944	1,741,899	213,401	576,481	66,978
1 Univ of California Sys	900,937	18,002	2,459	66,715	5,756	10,198	53,240	3,450	543,021	52,703	133,713	11,680
2 Univ of Texas Sys	298,555	598	30	20,701	26,140	0	14,707	3,019	197,586	10,730	21,149	3,895
3 Univ of Wisconsin Sys	192,342	9,967	1,220	12,299	845	3,443	17,600	1,365	97,215	11,913	35,838	637
4 Univ of North Carolina Sys	176,810	13,499	1,935	12,918	499	3,849	3,149	6,400	102,189	4,894	21,044	6,434
5 Columbia Univ Sys	171,044	0	761	8,176	30	251	7,191	660	110,719	6,295	35,320	1,641
6 Univ of Illinois Sys	160,581	8,039	934	20,484	401	1,146	14,752	1,302	54,057	3,006	53,771	2,689
7 State Univ Sys of Florida	144,928	9,593	1,521	13,677	6,922	1,114	15,616	2,097	47,976	6,791	36,617	3,004
8 State Univ of New York Sys	138,797	2,164	851	9,247	41	700	6,118	1,675	88,252	3,254	26,336	159
9 Univ of Maryland Sys	128,956	6,045	2,715	13,917	1,643	0	7,773	1,984	55,169	16,939	22,045	726
10 Univ & St Col of Arizona Sys	125,493	4,786	226	8,480	2,362	1,403	4,915	952	55,862	16,838	26,255	3,414
11 Utah Higher Ed Sys	124,358	2,676	82	14,309	31,854	256	5,859	414	52,543	1,678	12,343	2,344
12 Univ of Alabama Sys	119,325	280	45	5,673	3,360	580	10,785	387	71,831	22,377	3,610	397
13 Oregon State Higher Ed Sys	117,050	10,290	2,387	7,334	0	2,285	16,713	2,764	46,966	2,722	20,704	4,885
14 Univ Sys of Georgia	115,048	10,655	783	24,366	11,917	250	13,627	4,450	25,827	5,410	14,858	2,905
15 City Univ of New York Sys	77,092	10	0	2,223	0	641	1,311	0	60,809	809	10,244	1,045
16 Louisiana State Univ Sys	68,778	7,036	878	2,028	0	0	24,663	1,787	26,071	857	4,661	797
17 Texas A&M Univ Sys	58,773	13,715	975	4,994	423	81	4,652	982	10,922	4,967	14,556	2,506
18 Univ of Hawaii Sys	47,291	4,998	3,154	4,825	1,510	0	1,527	0	10,016	5,793	12,689	2,779
19 Univ of Nebraska Sys	38,932	7,618	310	1,327	95	0	6,463	158	12,311	695	6,786	3,169
20 Univ of Missouri Sys	38,692	8,312	94	1,365	0	283	1,842	436	18,054	496	6,285	1,525
21 California State U & Col Sys	31,822	482	220	668	0	80	1,764	200	11,381	4,082	12,476	469
22 Univ of Arkansas Sys	25,652	8,709	0	553	0	1,324	452	90	10,458	142	2,646	1,278
23 Univ of Alaska Sys	25,406	1,278	1,012	1,466	0	0	962	475	1,120	6,508	9,675	2,910
24 Univ of Houston Sys	25,357	121	10	1,023	36	0	2,130	150	4,657	13,120	4,095	15
25 Univ of New Hampshire Sys	19,443	1,754	691	470	0	0	576	867	2,121	7,883	4,659	422
26 Univ of Nevada Sys	18,611	1,761	611	127	0	0	1,468	5,024	3,876	423	3,279	2,042
27 Univ of Puerto Rico Sys	18,348	4,227	230	327	0	0	100	164	7,169	236	5,790	105
28 Montana Univ Sys	15,396	4,322	0	179	0	164	256	1,001	2,240	468	6,224	542
29 State U & CC Sys of Tennessee	12,253	2,908	0	409	148	0	292	121	4,697	548	1,919	1,211
30 Univ of Maine Sys	8,921	3,519	250	252	0	754	140	570	791	258	1,935	452
31 Southern Illinois Univ Sys	7,687	864	0	199	0	125	309	0	3,876	51	1,889	374
32 State Univ Sys of Minnesota	2,176	0	71	0	0	50	0	0	908	45	1,102	0
33 Massachusetts State Col Sys	1,003	0	0	0	0	0	442	0	25	0	536	0
34 Univ of Massachussetts Sys	836	170	333	0	0	0	0	0	0	0	0	333
35 Claremont Cols Sys	775	0	0	37	0	0	0	0	314	40	384	0
36 Univ of South Dakota Sys	741	0	0	60	0	0	0	0	599	20	0	62
37 State Sys of Higher Ed	391	0	0	0	0	0	0	0	83	0	308	0
38 Univ of Tennessee Sys	318	164	0	0	0	0	0	0	25	0	0	129
39 Univ of South Texas Sys	196	0	0	0	0	0	0	0	0	196	0	0
40 Peralta Cmty Col Sys	163	0	0	0	0	0	0	0	163	0	0	0
41 Foothill-Deanza CC Dist Sys	148	0	0	0	0	0	0	0	0	114	34	0
42 Virginia Cmty Col Sys	135	4	0	0	0	0	0	0	0	100	31	0
43 California Sch of Prof Psych	0	0	0	0	0	0	0	0	0	0	0	0
44 Fundacion Educativa Mendez	0	0	0	0	0	0	0	0	0	0	0	0

1/ Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

NOTE: Includes obligations to every individual institution included within each system

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
United States, total	2,498,115	11,035	10,289	513,491	39,501	344,666	38,018	1,221,815	933	129,318	165,217	23,832
New England, total	518,483	458	559	59,414	3,857	2,849	7,104	396,125	0	25,291	22,029	797
Connecticut, total	8,600	0	72	550	0	89	405	6,773	0	0	700	11
Conn Womens Ed & Legal Fd	1	0	0	0	0	0	0	0	0	0	0	1
Day Kimball Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Hartford Hospital	68	0	0	0	0	0	0	68	0	0	0	0
Haskins Laboratories Inc	3,142	0	0	0	0	0	0	3,017	0	0	125	0
Human Relations Area File	48	0	0	0	0	0	0	0	0	0	48	0
Intdistr Comm Proj Ocean	72	0	72	0	0	0	0	0	0	0	0	0
John B Pierce Fdn of Conn	3,095	0	0	550	0	0	180	2,365	0	0	0	0
Project Oceanology	211	0	0	0	0	0	0	0	0	0	211	0
Save The Children	7	0	0	0	0	0	0	0	0	0	0	7
Societal Inst of Math Sci	972	0	0	0	0	0	225	747	0	0	0	0
St Francis Hosp & Med	459	0	0	0	0	0	0	459	0	0	0	0
St Josephs Hosp Stamford	67	0	0	0	0	0	0	67	0	0	0	0
Thames Science Center	175	0	0	0	0	0	0	0	0	0	175	0
The Discovery Museum	89	0	0	0	0	89	0	0	0	0	0	0
Yale Southern Observa,Inc	141	0	0	0	0	0	0	0	0	0	141	0
YWCA Hartford Region	3	0	0	0	0	0	0	0	0	0	0	3
Maine, total	22,963	0	12	136	0	0	223	20,604	0	380	1,607	1
ACAP Employmnt & Training	1	0	0	0	0	0	0	0	0	0	0	1
Charles A Dean Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Down East Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Fdn Blood Research	246	0	0	0	0	0	0	246	0	0	0	0
Jackson Lab	19,972	0	0	0	0	0	95	19,677	0	0	200	0
Maine Audubon Society	181	0	0	0	0	0	0	0	0	0	181	0
Maine Coast Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Maine Geological Survey	318	0	0	0	0	0	0	0	0	0	318	0
Maine Medical Center	210	0	0	0	0	0	0	210	0	0	0	0
Miles Memorial Hospital	25	0	0	0	0	0	0	25	0	0	0	0
Mt Desert Island Biol Lab	309	0	0	0	0	0	0	271	0	0	38	0
N E Rsch Fdn	1,451	0	12	136	0	0	128	0	0	380	795	0
St Andrew's Hosp Boothbay	25	0	0	0	0	0	0	25	0	0	0	0
The Acadia Institute	75	0	0	0	0	0	0	0	0	0	75	0
Massachusetts, total	469,784	405	475	58,600	3,857	2,615	6,438	352,412	0	24,779	19,420	783
Amer Acad of Arts & Sci	274	0	0	0	0	0	0	0	0	0	274	0
Amer Assoc Varble Star Ob	50	0	0	0	0	0	0	0	0	50	0	0
Amer Meteorological Soc	634	0	0	0	0	0	25	0	0	0	609	0
Assn for Women In Math	10	0	0	10	0	0	0	0	0	0	0	0
Bay State Medical Center	73	0	0	0	0	0	0	73	0	0	0	0
Berkshire Med Ctr	500	0	0	0	0	0	0	500	0	0	0	0
Beth Israel Hospital	2,766	0	0	0	0	0	0	2,711	0	55	0	0
Beverly Hospital	160	0	0	0	0	0	0	160	0	0	0	0
Boston Biomed Res Inst	3,854	0	0	0	0	0	0	3,729	0	0	125	0
Boston Mental Hlth Fdn	233	0	0	0	0	0	0	233	0	0	0	0
Brigham and Women's Hosp	79,509	0	0	0	0	0	535	78,794	0	100	80	0
Children's Hospital	28,355	0	0	0	0	0	0	28,210	0	145	0	0
Childrens Museum Boston	159	0	0	0	0	0	0	0	0	0	159	0
Computer Museum	53	0	0	0	0	0	0	0	0	0	53	0
Ctr for Blood Research	7,474	0	0	0	0	0	0	7,474	0	0	0	0
Dana-Farber Cancer Inst	43,222	0	0	0	0	0	0	43,222	0	0	0	0
Draper Laboratories	73,923	0	0	57,531	0	0	0	0	0	15,988	113	291
Educ and Resources Group	223	0	0	0	0	0	0	0	0	0	223	0
Education Development Ctr	2,298	0	0	0	0	0	0	676	0	0	1,622	0
EK Shriver Ctr Ment Ret	3,986	0	0	0	0	178	0	3,744	0	0	64	0
Eye Research Institute	333	0	0	0	0	333	0	0	0	0	0	0
Factory Mutual Research	550	0	155	0	0	395	0	0	0	0	0	0
Faulkner Hospital	129	0	0	0	0	0	0	129	0	0	0	0
Forsyth Dental Center	5,856	0	0	0	0	0	0	5,856	0	0	0	0
Frontier Sci & Tech Rsch	1,588	0	0	0	0	0	0	1,588	0	0	0	0
Health Effects Institute	4,915	0	0	0	0	0	4,915	0	0	0	0	0
Hebrew Rehab Center	2,229	0	0	0	0	0	0	2,229	0	0	0	0
Human Serv Rsch Inst	1,066	0	0	0	0	0	0	1,066	0	0	0	0
Inst for Scient Rsch Inc	53	0	0	0	0	0	0	0	0	0	53	0
Joslin Diabetes Fdn Inc	5,239	0	0	0	0	0	0	5,166	0	0	73	0
Lahey Clinic Fdn	171	0	0	0	0	0	0	171	0	0	0	0
Mallory Pathology Ass	905	0	0	0	0	0	0	905	0	0	0	0
Maria Mitchell Observ	35	0	0	0	0	0	0	0	0	0	35	0
Marine Biological Lab	5,047	0	0	85	0	15	300	2,107	0	65	2,475	0
Mass Career Devel Inst	305	0	0	0	0	0	0	0	0	0	0	305
Mass Eye & Ear Infirmary	6,490	0	0	0	0	0	0	6,445	0	45	0	0
Mass General Hospital	81,498	405	0	294	0	680	50	79,937	0	0	132	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Massachusetts, cont'd:												
Mass PIRG Education Fund	1	0	0	0	0	0	0	0	0	0	0	1
Mclean Hospital	10,324	0	0	0	0	0	0	10,112	0	0	212	0
Mgt Sci for Health	84	0	0	0	0	0	0	84	0	0	0	0
Mitre Corporation	8,231	0	0	0	0	0	0	0	0	8,231	0	0
Museum of Science	561	0	0	0	0	0	0	0	0	0	561	0
N Eng Deaconess Hospital	9,363	0	0	326	0	0	0	8,937	0	100	0	0
N Eng Med Ctr & Hospitals	21,423	0	0	146	0	644	0	20,633	0	0	0	0
Natl Bureau Econ Rsch Inc	4,285	0	0	0	0	0	0	1,621	0	0	2,584	80
Network Innov Schools	301	0	0	0	0	0	0	0	0	0	301	0
New England Aquarium Corp	148	0	65	0	0	0	83	0	0	0	0	0
New England Fish Dev Fdn	255	0	255	0	0	0	0	0	0	0	0	0
North Charles Mental Hlth	1,359	0	0	0	0	0	0	1,359	0	0	0	0
NE Radio Observatory Ctr	1,540	0	0	0	0	0	0	0	0	0	1,540	0
Operation Able	104	0	0	0	0	0	0	0	0	0	0	104
Retina Found	7,555	0	0	201	0	0	0	7,354	0	0	0	0
Society of Genrl Physiol	7	0	0	7	0	0	0	0	0	0	0	0
St Elizabeth's Hospital	2,066	0	0	0	0	0	0	2,066	0	0	0	0
Tech Ed Rsch Ctr	6,509	0	0	0	0	0	0	0	0	0	6,509	0
The Regni Lab Ed Improve	3,857	0	0	0	3,857	0	0	0	0	0	0	0
Theobald Smith Rsch Inst	400	0	0	0	0	0	0	400	0	0	0	0
University Hospital	7,590	0	0	0	0	0	0	7,590	0	0	0	0
Whitehead Inst Biomed	8,666	0	0	0	0	0	0	8,147	0	0	519	0
Womens Legislative Netwrk	2	0	0	0	0	0	0	0	0	0	0	2
Woods Hole Research C	742	0	0	0	0	212	530	0	0	0	0	0
Worcester Fdn Exp Bio	9,356	0	0	0	0	158	0	8,984	0	0	214	0
WGBH Educational Fdn	890	0	0	0	0	0	0	0	0	0	890	0
New Hampshire, total	150	0	0	0	0	0	0	150	0	0	0	0
Cottage Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Littleton Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Memorial Hosp N Conway	50	0	0	0	0	0	0	50	0	0	0	0
Rhode Island, total	16,588	53	0	128	0	145	38	15,939	0	132	151	2
Amer Mathematical Society	56	0	0	33	0	0	0	0	0	0	23	0
Assoc for Symbolic Logic	63	0	0	0	0	0	0	0	0	0	63	0
Butler Hospital	370	0	0	0	0	0	0	370	0	0	0	0
Emma Pendleton Brdly	1,379	0	0	0	0	0	0	1,379	0	0	0	0
Gordon Rsch Conferences	262	53	0	95	0	16	38	0	0	60	0	0
Memorial Hosp-Pawtucket	2,025	0	0	0	0	0	0	2,025	0	0	0	0
Miriam Hospital	2,470	0	0	0	0	0	0	2,398	0	72	0	0
Rhode Island Hospital	4,009	0	0	0	0	129	0	3,815	0	0	65	0
Rhode Isind Working Women	1	0	0	0	0	0	0	0	0	0	0	1
Roger Williams Gen Hosp	3,165	0	0	0	0	0	0	3,165	0	0	0	0
URI Foundation	1	0	0	0	0	0	0	0	0	0	0	1
Women & Infants Hosp	2,787	0	0	0	0	0	0	2,787	0	0	0	0
Vermont, total	398	0	0	0	0	0	0	247	0	0	151	0
Copley Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Natl Gardening Assoc	151	0	0	0	0	0	0	0	0	0	151	0
Rutland Regional Med Ctr	107	0	0	0	0	0	0	107	0	0	0	0
Vermont Alcoholism Rsch	90	0	0	0	0	0	0	90	0	0	0	0
Middle Atlantic, total	384,523	1,272	622	27,815	4,631	17,443	3,430	251,524	61	3,981	71,983	1,761
New Jersey, total	38,707	0	604	15,326	0	299	0	20,603	0	0	1,723	152
Beth Israel Hosp (NJ)	15,477	0	0	0	0	0	0	15,477	0	0	0	0
Camden Urban Womens Ctr	1	0	0	0	0	0	0	0	0	0	0	1
Carrier Clinic Fdn	226	0	0	0	0	0	0	226	0	0	0	0
Conell Inst for Med Rsch	1,846	0	0	0	0	0	0	1,846	0	0	0	0
Corp Adv Policy Eval	150	0	0	0	0	0	0	0	0	0	0	150
Ctr Molecular Med&Imm	2,717	0	0	0	0	0	0	2,717	0	0	0	0
Deborah Heart & Lung	164	0	0	0	0	0	0	164	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
New Jersey, cont'd:												
Educational Testing Srvc	658	0	0	232	0	0	0	0	0	0	426	0
Educom, Inc	51	0	0	0	0	0	0	0	0	0	51	0
Electrochemical Society	2	0	0	2	0	0	0	0	0	0	0	0
Hackensack Hosp	106	0	0	0	0	0	0	106	0	0	0	0
Liberty Science Center	15,000	0	0	15,000	0	0	0	0	0	0	0	0
New Jersey Marine Sci Con	604	0	604	0	0	0	0	0	0	0	0	0
NJ Bus Sci Ed Consortium	147	0	0	0	0	0	0	0	0	0	147	0
Overlook Hospital	67	0	0	0	0	0	0	67	0	0	0	0
Polymer Processing Inst	299	0	0	0	0	299	0	0	0	0	0	0
Princeton Univ Press	237	0	0	92	0	0	0	0	0	0	145	0
Recording for the Blind	250	0	0	0	0	0	0	0	0	0	250	0
Somrset Co Bus Ed Prtnshp	300	0	0	0	0	0	0	0	0	0	300	0
W Wilson Natl Fellowship	404	0	0	0	0	0	0	0	0	0	404	0
Women's Rights Info Ctr	1	0	0	0	0	0	0	0	0	0	0	1
New York, total	210,168	1,177	18	11,991	394	3,955	3,031	136,285	41	3,440	48,232	1,604
Aaron Diamond Aids Rsch	270	0	0	0	0	0	0	270	0	0	0	0
Am Assoc of Engineers	10	0	0	0	0	10	0	0	0	0	0	0
Am Inst of Aeron & Astron	3,279	0	0	15	0	0	0	0	0	3,264	0	0
Am Inst of Chem Engineers	60	0	0	0	0	0	25	0	0	0	35	0
Amer Assoc-Physics Tchrs	706	0	0	0	0	0	0	0	0	0	706	0
Amer Cncl - Learned Soc	126	0	0	0	0	0	0	0	0	0	126	0
Amer Inst of Physics	1,877	0	0	6	0	32	0	0	0	0	1,839	0
Amer Museum of Natl Hist	1,831	0	0	0	0	0	0	0	0	97	1,734	0
Amer Physical Soc	208	0	0	39	0	0	0	0	0	0	169	0
Amer Regions Math League	35	0	0	0	0	0	0	0	0	0	35	0
Amer Soc for Cell Biology	545	0	0	195	0	0	0	0	0	0	350	0
Amer Soc of Mech Eng	254	0	0	254	0	0	0	0	0	0	0	0
American Hlth Fdn Inc	11,324	0	0	0	0	0	0	11,324	0	0	0	0
Argus Community, Inc	373	0	0	0	0	0	0	0	0	0	0	373
Assn Rsch Vision & Ophth	36	0	0	0	0	0	0	36	0	0	0	0
Assoc for Computing Mach	47	0	0	0	0	0	0	0	0	0	47	0
B Thompson Inst Plant Res	1,664	892	0	0	0	0	0	165	0	0	607	0
Beth Israel Medical Ctr	1,248	0	0	0	0	0	0	1,248	0	0	0	0
Bronx Educational Service	71	0	0	0	71	0	0	0	0	0	0	0
Bronx-Lebanon Hospital Ct	1,672	0	0	0	0	0	0	1,672	0	0	0	0
Brookdale Hospital Center	334	0	0	0	0	0	0	334	0	0	0	0
Buffalo Soc of Nat Sci	210	0	0	0	0	0	0	0	0	0	210	0
Burke Rehab Ctr	646	0	0	0	0	0	0	646	0	0	0	0
Cabrini Medical Center	81	0	0	0	0	0	0	81	0	0	0	0
Canton-Potsdam Hospital	44	0	0	0	0	0	0	44	0	0	0	0
Central NY Rsch Corp	141	0	0	0	0	0	0	141	0	0	0	0
Childrens TV Workshop	7,343	0	0	0	0	0	0	0	0	0	7,343	0
Cmty Gen Hosp Sullivan	50	0	0	0	0	0	0	50	0	0	0	0
Cold Spring Harbor Lab	17,762	285	0	0	0	419	0	16,343	0	0	715	0
Ctr for Environ Info	41	0	0	0	0	0	0	0	41	0	0	0
Cuba Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Div of Chemical Educ	142	0	0	0	0	0	0	0	0	0	142	0
Dosecc, Inc	70	0	0	0	0	70	0	0	0	0	0	0
Educ Broadcasting Corp	80	0	0	0	0	0	0	0	0	0	80	0
Educational Support Systm	83	0	0	0	83	0	0	0	0	0	0	0
Empire St Elec Enrgy R Co	2,600	0	0	0	0	2,600	0	0	0	0	0	0
Environmental Defense Fnd	83	0	0	0	0	0	0	0	0	0	83	0
Everywoman Oppty Center	1	0	0	0	0	0	0	0	0	0	0	1
Families and Work Inst	25	0	0	0	0	0	0	0	0	0	0	25
Flowers with Care	160	0	0	0	160	0	0	0	0	0	0	0
Fountain House, Inc	258	0	0	0	0	0	0	0	0	0	0	258
Genesee Hospital	409	0	0	0	0	0	0	409	0	0	0	0
Grnway Hertg Conserv HRV	18	0	18	0	0	0	0	0	0	0	0	0
Health Research Inc.	792	0	0	287	0	0	130	0	0	0	375	0
H Keller Natl Ctr Deaf	80	0	0	0	80	0	0	0	0	0	0	0
Highland Hosp-Rochester	71	0	0	0	0	0	0	71	0	0	0	0
Hist of Science Society	70	0	0	0	0	0	0	0	0	0	70	0
Hosp for Special Surgery	3,129	0	0	0	0	0	0	3,129	0	0	0	0
Hosp Joint Disease Ortho	820	0	0	0	0	0	0	820	0	0	0	0
Hudson Inst	25	0	0	0	0	0	0	25	0	0	0	0
Human Resources Center	300	0	0	0	0	0	0	0	0	0	0	300
Industrial Mgmt Council	50	0	0	0	0	0	0	0	0	0	50	0
Inst for Hormone Research	422	0	0	0	0	0	0	422	0	0	0	0
Inst of Elec Engrs Inc	76	0	0	18	0	20	0	0	0	0	38	0
Inter-Faith Med Ctr	114	0	0	0	0	0	0	114	0	0	0	0
Joint Ocean Insts Inc	29,327	0	0	54	0	0	0	0	0	0	29,273	0
Long Isl Jewish Hillside	3,686	0	0	0	0	0	0	3,686	0	0	0	0
Maimonides Medical Center	90	0	0	0	0	0	0	90	0	0	0	0
Manhattan Eye/Ear/Throat	98	0	0	0	0	0	0	98	0	0	0	0
Manpower Demo Rsch Corp	550	0	0	0	0	0	0	0	0	0	0	550
Margaretville Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
New York, cont'd:												
Mary Imogene Basset Hosp	1,908	0	0	0	0	0	0	1,908	0	0	0	0
Masonic Medical Rsch Lab	426	0	0	0	0	0	0	426	0	0	0	0
Medical Res Fnd Buffalo	1,835	0	0	0	0	0	0	1,717	0	0	118	0
Methodist Hosp of Bkl	123	0	0	0	0	0	0	123	0	0	0	0
Montefiore Hosp & Med Ctr	10,698	0	0	0	0	0	0	10,551	0	0	147	0
N Y Zoological Society	310	0	0	0	0	0	0	0	0	0	310	0
Narcotics & Drug Rch Inst	5,916	0	0	0	0	0	0	5,916	0	0	0	0
National Cncl Jewish Wmn	93	0	0	0	0	0	0	0	0	0	0	93
National Urban League	2	0	0	0	0	0	0	0	0	0	0	2
Natl Audobon Soc	20	0	0	0	0	0	20	0	0	0	0	0
New York Blood Center	3,206	0	0	346	0	0	0	2,860	0	0	0	0
New York Botanical Garden	1,709	0	0	0	0	0	0	0	0	0	1,709	0
North Shore Univ Hosp	4,474	0	0	0	0	0	0	4,474	0	0	0	0
Ntl Actn Cncl Minorities	519	0	0	0	0	0	0	0	0	0	519	0
NY Academy of Science	35	0	0	5	0	0	0	0	0	30	0	0
NY Chamber of Commerce	1	0	0	0	0	0	0	0	0	0	0	1
Our Lady of Mercy Med Ctr	42	0	0	0	0	0	0	42	0	0	0	0
Population Council	2,560	0	0	0	0	0	0	2,560	0	0	0	0
Presbyterian Hosp In NY	2,596	0	0	0	0	0	0	2,596	0	0	0	0
Public Health Res Inst	4,680	0	0	66	0	0	0	4,424	0	0	190	0
Riverside Res Inst	9,644	0	0	9,138	0	0	0	506	0	0	0	0
Rsch Fdn Mntl Hygiene Inc	123	0	0	52	0	0	0	0	0	0	71	0
Russell Sage Foundation	34	0	0	0	0	0	0	0	0	0	34	0
Scientsts Inst Pub Info	186	0	0	0	0	0	0	0	0	0	186	0
Sloan-Kettering Cancer Rs	46,238	0	0	211	0	720	0	45,157	0	0	150	0
Soc of Nuclear Medicine	84	0	0	0	0	84	0	0	0	0	0	0
Social Science Rsch Cncl	90	0	0	0	0	0	0	0	0	0	90	0
Soldiers & Sailors	50	0	0	0	0	0	0	50	0	0	0	0
St Luke's Inst for Health	4,167	0	0	0	0	0	0	4,167	0	0	0	0
St Luke's Roosevelt Hosp	2,883	0	0	0	0	0	0	2,818	0	0	65	0
St Vincent's Hosp&Med Ctr	166	0	0	0	0	0	0	166	0	0	0	0
Syracuse Research Corp	3,744	0	0	790	0	0	2,832	0	0	49	73	0
Tri-County Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Trudeau Institute Inc	1,287	0	0	0	0	0	0	1,287	0	0	0	0
United Engineering Trusts	539	0	0	515	0	0	24	0	0	0	0	0
W Alton Jones Cell Sc Ctr	3,022	0	0	0	0	0	0	3,022	0	0	0	0
Winthrop Univ Hosp	147	0	0	0	0	0	0	147	0	0	0	0
Women's Action Alliance	543	0	0	0	0	0	0	0	0	0	543	0
Womens Ctr Ed & Career Ad	1	0	0	0	0	0	0	0	0	0	0	1
Pennsylvania, total	135,648	95	0	498	4,237	13,189	399	94,636	20	541	22,028	5
Acad Natural Sci of Phil	1,078	0	0	0	0	0	159	0	0	0	919	0
Air & Waste Mgmt Assoc	35	0	0	0	0	0	35	0	0	0	0	0
Albert Einstein Med Ctr	129	0	0	0	0	0	0	129	0	0	0	0
Allegheny Singer Rsch	1,761	0	0	0	0	0	0	1,761	0	0	0	0
Amer Institutes for Res	3,262	0	0	148	455	0	0	2,490	0	0	169	0
Amer Soc Testing Material	160	0	0	5	0	0	105	0	20	0	30	0
Barnes-Kasson Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Big Sisters of Philadelph	1	0	0	0	0	0	0	0	0	0	0	1
Bituminous Coal Res, Inc	275	0	0	0	0	275	0	0	0	0	0	0
Carnegie Inst of Pitts	284	0	0	0	0	0	0	0	0	0	284	0
Child Hosp of Phila	12,782	0	0	0	0	0	0	12,782	0	0	0	0
Child Hosp of Pittsburgh	11,826	0	0	0	0	7,962	0	3,864	0	0	0	0
Combustion Institute	20	0	0	0	0	0	0	0	0	20	0	0
D Guthrie Fdn Med Res	100	0	0	0	0	0	0	100	0	0	0	0
Eye & Ear Inst Pittsburgh	3,788	0	0	0	0	0	0	3,788	0	0	0	0
Fox Chase Cancer Center	17,135	0	0	0	0	0	0	16,922	0	0	213	0
Franklin Inst	2,968	0	0	0	226	344	0	0	0	0	2,398	0
Gessinger Medical Center	563	0	0	0	0	0	0	563	0	0	0	0
Girls Coalition of SE PA	1	0	0	0	0	0	0	0	0	0	0	1
Graduate Hosp	1,385	0	0	0	0	0	0	1,385	0	0	0	0
Greene Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Inst for Cancer Research	8,865	0	0	0	0	0	0	8,765	0	0	100	0
Lankenau Hospital	165	0	0	0	0	0	0	165	0	0	0	0
Lankenau Med Rsch Center	1,603	0	0	0	0	0	0	1,603	0	0	0	0
Magee Women's Hosp	932	0	0	0	0	0	0	932	0	0	0	0
Materials Research Soc	92	0	0	92	0	0	0	0	0	0	0	0
Mercy Hosp/Scranton	62	0	0	0	0	0	0	62	0	0	0	0
Misericordia Hospital	2,088	0	0	0	0	2,088	0	0	0	0	0	0
Monell Chem Senses Cntr	3,400	95	0	0	0	0	0	3,086	0	0	219	0
Montefiore Hospital	1,418	0	0	0	0	0	0	1,418	0	0	0	0
Moss Rehabilitation Hosp	139	0	0	0	0	0	0	139	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Pennsylvania, cont'd:												
MPC Corp	18,065	0	0	0	0	0	0	2,199	0	0	15,866	0
Nat'l Disease Rsch In	1,957	0	0	0	0	0	0	1,957	0	0	0	0
Natl Assoc of Univ Women	1	0	0	0	0	0	0	0	0	0	0	1
Paths/Prism	1,600	0	0	0	0	0	0	0	0	0	1,600	0
Pennsylvania Hospital	851	0	0	0	0	0	0	851	0	0	0	0
Philadelphia Geriatrc Ctr	2,588	0	0	0	0	0	0	2,588	0	0	0	0
Philadelphia Psychiatric	190	0	0	0	0	0	0	190	0	0	0	0
Pott Reentry Opp Bus&Ed	1	0	0	0	0	0	0	0	0	0	0	1
Primak Educat Foundation	144	0	0	0	144	0	0	0	0	0	0	0
Prsbytn Univ Penn Med Ctr	943	0	0	0	0	0	0	943	0	0	0	0
Res for Better Schs Inc	3,412	0	0	0	3,412	0	0	0	0	0	0	0
Robert Packer Hospital	104	0	0	0	0	0	0	104	0	0	0	0
Society of Automotive Eng	212	0	0	212	0	0	0	0	0	0	0	0
Society Indstri App M	91	0	0	41	0	50	0	0	0	0	0	0
Troy Community Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Univ City Science Center	6,392	0	0	0	0	2,470	100	3,301	0	521	0	0
Weis Center for Research	870	0	0	0	0	0	0	870	0	0	0	0
Western PA Hospital	263	0	0	0	0	0	0	263	0	0	0	0
Wills Eye Hospital	365	0	0	0	0	0	0	365	0	0	0	0
Wistar Institute	21,131	0	0	0	0	0	0	20,901	0	0	230	0
Womens Allince Job Equity	1	0	0	0	0	0	0	0	0	0	0	1
East North Central, total	214,340	6	2,570	94,763	3,787	19,792	6,022	65,174	5	6,312	14,943	966
Illinois, total	56,361	0	111	13,181	3,787	13,105	812	21,510	5	0	3,230	620
Amer Dental Assoc Hlth	1,556	0	0	0	0	0	0	1,556	0	0	0	0
American Bar Foundation	183	0	0	0	0	0	0	0	0	0	183	0
American Foundrymen Soc	252	0	0	0	0	252	0	0	0	0	0	0
American Nuclear Society	20	0	0	0	0	20	0	0	0	0	0	0
Carle Foundation Hosp	59	0	0	0	0	0	0	59	0	0	0	0
Chicago Education Fed	2,000	0	0	0	0	2,000	0	0	0	0	0	0
Chicago Museum of Science	65	0	0	0	0	65	0	0	0	0	0	0
Chicago Women In Trades	75	0	0	0	0	0	0	0	0	0	0	75
Chicago Zoological Soc	183	0	0	0	0	0	0	0	0	0	183	0
Child Memorial Hospital	2,489	0	0	0	0	0	0	2,489	0	0	0	0
Ctr for Amer Archaeology	93	0	0	0	0	0	0	0	0	0	93	0
Decatur Mem Hospital	114	0	0	0	0	0	0	114	0	0	0	0
East Asian Hist Sci	40	0	0	0	0	0	0	0	0	0	40	0
Ed A Utlaut Memorial Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Evanston Hospital	826	0	0	0	0	0	0	826	0	0	0	0
Field Museum Natural Hist	217	0	0	0	0	0	0	0	0	0	217	0
Gibson Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Grt Lakes Fisheries Dev .	75	0	75	0	0	0	0	0	0	0	0	0
Hektoen Inst for Med Res	80	0	0	0	0	0	0	80	0	0	0	0
Hoopeston Comm Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Hosp Res & Ed Trust	167	0	0	0	0	0	0	167	0	0	0	0
Illinois State Museum	172	0	36	0	0	0	0	0	0	0	136	0
Ingalls Mem Hospital	165	0	0	0	0	0	0	165	0	0	0	0
Inst of Gas Technology	2,759	0	0	414	0	2,135	210	0	0	0	0	0
IIT Research Institute	24,542	0	0	12,435	0	8,582	336	2,684	0	0	0	505
M Reese Hosp & Med Ctr	232	0	0	0	0	0	0	232	0	0	0	0
Mercy Hospital & Med Ctr	101	0	0	0	0	0	0	101	0	0	0	0
Methodist Hospital-Peoria	191	0	0	0	0	0	0	191	0	0	0	0
Museum of Sci & Industry	550	0	0	0	0	21	0	0	0	0	529	0
Nat Opinion Research Ctr	2,840	0	0	0	0	0	0	1,156	0	0	1,684	0
Natl Safety Council	306	0	0	0	0	0	266	0	0	0	0	40
No Cntl Reg Educatnal Lab	3,787	0	0	0	3,787	0	0	0	0	0	0	0
Northwestern Mem Hospital	670	0	0	0	0	0	0	670	0	0	0	0
Paris Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Parkside Lutheran Hosp	262	0	0	0	0	0	0	262	0	0	0	0
Rehab Inst of Chicago	974	0	0	0	0	0	0	904	0	0	70	0
Rush Prsbytrn/St Lks	9,196	0	0	38	0	0	0	9,063	0	0	95	0
Scitech	30	0	0	0	0	30	0	0	0	0	0	0
Soc of Econ Geologists	5	0	0	0	0	0	0	0	5	0	0	0
Soc of Env Toxicology	294	0	0	294	0	0	0	0	0	0	0	0
St Joseph Hosp-Chicago	592	0	0	0	0	0	0	592	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Indiana, total	1,433	6	0	0	0	0	0	501	0	926	0	0
Comm Hosp Indianapolis	88	0	0	0	0	0	0	88	0	0	0	0
Conservation Tillage Info	6	6	0	0	0	0	0	0	0	0	0	0
Indianapls Ctr Adv Rsch	610	0	0	0	0	0	0	0	0	610	0	0
Methodist Hosp of Indiana	413	0	0	0	0	0	0	413	0	0	0	0
Natl Cons Grad Eng Min	316	0	0	0	0	0	0	0	0	316	0	0
Michigan, total	67,264	0	2,439	46,623	0	0	0	7,874	0	1,403	8,913	12
Blodgett Memorial Med Ctr	194	0	0	0	0	0	0	194	0	0	0	0
Borgess Med Center	118	0	0	0	0	0	0	118	0	0	0	0
Butterworth Hospital	140	0	0	0	0	0	0	140	0	0	0	0
Carson City Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Charlevoix Hospital	22	0	0	0	0	0	0	22	0	0	0	0
Child Hosp of Michigan	375	0	0	0	0	0	0	375	0	0	0	0
Environmental Res Inst	14,714	0	0	13,311	0	0	0	0	0	1,403	0	0
Gerber Mem Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Henry Ford Hospital	745	0	0	0	0	0	0	745	0	0	0	0
Industrial Tech Institute	351	0	30	312	0	0	0	0	0	0	0	9
Mariette Cmty Hosp	32	0	0	0	0	0	0	32	0	0	0	0
McKenzie Mem Hosp	32	0	0	0	0	0	0	32	0	0	0	0
Mercy Hospital - Grayling	50	0	0	0	0	0	0	50	0	0	0	0
Merit Network Inc.	8,863	0	0	0	0	0	0	0	0	0	8,863	0
Michigan Cancer Fdn	5,019	0	0	0	0	0	0	5,019	0	0	0	0
Michigan Molecular Inst	150	0	0	100	0	0	0	0	0	0	50	0
Natl Ctr Manufact Sci Inc	35,270	0	2,370	32,900	0	0	0	0	0	0	0	0
Paul Oliver Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Sinai Hospital of Detroit	342	0	0	0	0	0	0	342	0	0	0	0
William Beaumont Hospital	655	0	0	0	0	0	0	655	0	0	0	0
Women's Resource Center	3	0	0	0	0	0	0	0	0	0	0	3
WE Upjohn Inst Empl Rsch	39	0	39	0	0	0	0	0	0	0	0	0
Ohio, total	82,103	0	20	34,959	0	6,044	5,210	28,829	0	3,983	2,728	330
American Ceramic Society	10	0	0	10	0	0	0	0	0	0	0	0
ASM International	188	0	20	0	0	0	0	0	0	0	168	0
Battelle Memorial Inst	53,428	0	0	34,787	0	6,044	5,136	3,428	0	3,983	0	50
Child Hosp of Columbus	2,102	0	0	0	0	0	0	2,102	0	0	0	0
Child Hosp Med Ctr Cincin	7,059	0	0	0	0	0	60	6,999	0	0	0	0
Cincinnati Museum Nat His	717	0	0	0	0	0	0	0	0	0	717	0
Cleveland Clinic Fdn	13,087	0	0	0	0	0	0	12,880	0	0	207	0
Columbus Cmty Clnc Oncolo	242	0	0	0	0	0	0	242	0	0	0	0
Defiance Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Edison Welding Institute	131	0	0	131	0	0	0	0	0	0	0	0
Friends of the Homeless	276	0	0	0	0	0	0	0	0	0	0	276
Hard Hatted Women	2	0	0	0	0	0	0	0	0	0	0	2
Hipple Cncr Rsch Ctr	208	0	0	0	0	0	0	208	0	0	0	0
James N Gamble Inst Med	785	0	0	31	0	0	0	754	0	0	0	0
Kettering Medical Center	182	0	0	0	0	0	0	182	0	0	0	0
Minorities in Math S&E	507	0	0	0	0	0	0	0	0	0	507	0
Mt Sinai Hosp-Cleveland	640	0	0	0	0	0	0	640	0	0	0	0
Natl Water Well Assoc	14	0	0	0	0	0	14	0	0	0	0	0
Ohio's Ctr Sci & Industry	1,129	0	0	0	0	0	0	0	0	0	1,129	0
St Luke's Hosp-United Met	22	0	0	0	0	0	0	22	0	0	0	0
University Hosps-Clevelnd	1,322	0	0	0	0	0	0	1,322	0	0	0	0
Working Women Edu Fund	2	0	0	0	0	0	0	0	0	0	0	2

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Wisconsin, total	7,179	0	0	0	0	643	0	6,460	0	0	72	4
Adams Cnty Mem Hosp & Nrs	50	0	0	0	0	0	0	50	0	0	0	0
Apple River Valley Mem H	50	0	0	0	0	0	0	50	0	0	0	0
Berlin Memorial Hospital	35	0	0	0	0	0	0	35	0	0	0	0
Cncl of Great Lakes Govrn	643	0	0	0	0	643	0	0	0	0	0	0
Door County Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Madison Children's Museum	72	0	0	0	0	0	0	0	0	0	72	0
Marshfield Med Rsch Fdn	1,320	0	0	0	0	0	0	1,320	0	0	0	0
Mem Hosp Neillsville	50	0	0	0	0	0	0	50	0	0	0	0
Memorial Hosp - Boscobel	50	0	0	0	0	0	0	50	0	0	0	0
Memorial Hosp - Iowa Cnty	50	0	0	0	0	0	0	50	0	0	0	0
Milwaukee Blood Center	3,508	0	0	0	0	0	0	3,508	0	0	0	0
Mt Sinai Medical Ctr Inc	986	0	0	0	0	0	0	986	0	0	0	0
Networking Together Inc.	3	0	0	0	0	0	0	0	0	0	0	3
Prairie Du Chien Hosp	50	0	0	0	0	0	0	50	0	0	0	0
St Josephs Mem Hosp Hills	50	0	0	0	0	0	0	50	0	0	0	0
St Josephs Hosp Arcadia	50	0	0	0	0	0	0	50	0	0	0	0
St Luke's Hosp Milwaukee	111	0	0	0	0	0	0	111	0	0	0	0
St Mary's Hosp - Sparta	50	0	0	0	0	0	0	50	0	0	0	0
YWCA of Greater Milwaukee	1	0	0	0	0	0	0	0	0	0	0	1
West North Central, total	80,748	0	0	12,206	193	467	1,614	64,143	0	167	1,889	69
Iowa, total	372	0	0	65	0	0	0	307	0	0	0	0
American College Testing	65	0	0	65	0	0	0	0	0	0	0	0
Anamosa Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Burgess Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Iowa Oncology Rsch Assn	172	0	0	0	0	0	0	172	0	0	0	0
Osceola Comm Hospital	13	0	0	0	0	0	0	13	0	0	0	0
St. Joseph Comm Hosp	22	0	0	0	0	0	0	22	0	0	0	0
Kansas, total	896	0	0	0	0	0	0	749	0	0	145	2
Hamilton County Hospital	203	0	0	0	0	0	0	203	0	0	0	0
Kaw Valley Girl Scouts C	1	0	0	0	0	0	0	0	0	0	0	1
Menninger Foundation	160	0	0	0	0	0	0	160	0	0	0	0
Natl Assc Biology Teacher	145	0	0	0	0	0	0	0	0	0	145	0
Ottawa County Hospital	83	0	0	0	0	0	0	83	0	0	0	0
St Francis Hosp/Wichi	303	0	0	0	0	0	0	303	0	0	0	0
YWCA of Topeka, Kansas	1	0	0	0	0	0	0	0	0	0	0	1
Minnesota, total	53,720	0	0	9,916	0	0	0	42,641	0	0	1,161	2
Children's Hosp-St Paul	640	0	0	0	0	0	0	640	0	0	0	0
Cook County N Shore Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Fairmont Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Granite Falls Mun Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Holy Trinity Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Interstudy	94	0	0	0	0	0	0	94	0	0	0	0
Kittson Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Lake View Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Mayo Foundation	43,232	0	0	3,016	0	0	0	40,023	0	0	193	0
Minn Envrnmtl Sci Fdn Inc	257	0	0	0	0	0	0	0	0	0	257	0
Minneapolis Med Res Fdn	1,188	0	0	0	0	0	0	1,188	0	0	0	0
Minnesota Women in Trades	2	0	0	0	0	0	0	0	0	0	0	2
MN Valley Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Natl Marrow Donor Program	6,900	0	0	6,900	0	0	0	0	0	0	0	0
Science Museum Minnesota	711	0	0	0	0	0	0	0	0	0	711	0
Search Institute	246	0	0	0	0	0	0	246	0	0	0	0
Sioux Valley Hospital	50	0	0	0	0	0	0	50	0	0	0	0
St Gabriel's Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Missouri, total	22,667	0	0	1,983	81	467	1,499	17,825	0	167	583	62
Baptist Med Ctr	187	0	0	0	0	0	0	187	0	0	0	0
Cancer Res Center	73	0	0	0	0	0	0	73	0	0	0	0
Central Inst for the Deaf	50	0	0	0	0	0	0	0	0	50	0	0
Children's Mercy Hosp	100	0	0	0	0	0	0	100	0	0	0	0
DeLaSalle Education Ctr	81	0	0	0	81	0	0	0	0	0	0	0
Jewish Hosp of St Louis	12,553	0	0	0	0	0	0	12,553	0	0	0	0
Lester E. Cox Med C	148	0	0	0	0	0	0	148	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Missouri, cont'd:												
Midwest Research Inst	7,807	0	0	1,983	0	50	1,499	4,097	0	117	0	61
Missouri Botanical Garden	723	0	0	0	0	0	0	140	0	0	583	0
Missouri Lions Eye Rch Fd	314	0	0	0	0	0	0	314	0	0	0	0
Older Women's League	1	0	0	0	0	0	0	0	0	0	0	1
St Francis Hosp-Mtn View	49	0	0	0	0	0	0	49	0	0	0	0
St Johns Mercy Med C	164	0	0	0	0	0	0	164	0	0	0	0
St Louis Science Center	140	0	0	0	0	140	0	0	0	0	0	0
Urban League Greater KC	277	0	0	0	0	277	0	0	0	0	0	0
Nebraska, total	998	0	0	242	0	0	115	639	0	0	0	2
Antelope Memorial Hosp	8	0	0	0	0	0	0	8	0	0	0	0
Beatrice Comm Hosp&Health	50	0	0	0	0	0	0	50	0	0	0	0
Boys Town Natl Rsch Hosp	416	0	0	0	0	0	0	416	0	0	0	0
Cambridge Memorial Hospit	41	0	0	0	0	0	0	41	0	0	0	0
Cherry County Hospital	8	0	0	0	0	0	0	8	0	0	0	0
Community Hosp-McCook	50	0	0	0	0	0	0	50	0	0	0	0
Jefferson Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Lundberg Memorial Hosp	8	0	0	0	0	0	0	8	0	0	0	0
Nebraskans for Pub Tel In	115	0	0	0	0	0	115	0	0	0	0	0
Satellite Comm for Lrng	242	0	0	242	0	0	0	0	0	0	0	0
St Anthony's Hospital	8	0	0	0	0	0	0	8	0	0	0	0
The Omaha Neb YWCA	2	0	0	0	0	0	0	0	0	0	0	2
North Dakota, total	1,001	0	0	0	112	0	0	889	0	0	0	0
Comm Mem Hosp - Hettinger	50	0	0	0	0	0	0	50	0	0	0	0
Community Hosp-McVille	49	0	0	0	0	0	0	49	0	0	0	0
Diocese of Fargo	112	0	0	0	112	0	0	0	0	0	0	0
Garrison Memorial Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Griggs County Hospital	49	0	0	0	0	0	0	49	0	0	0	0
McKenzie Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Mercy Hosp-Devils Lake	50	0	0	0	0	0	0	50	0	0	0	0
Mercy Hospital Williston	50	0	0	0	0	0	0	50	0	0	0	0
Neuropsychiatric Inst	60	0	0	0	0	0	0	60	0	0	0	0
Pembina County Mem Hospit	50	0	0	0	0	0	0	50	0	0	0	0
St Andrew's Hospital	17	0	0	0	0	0	0	17	0	0	0	0
St Luke's Hosp Crosby	50	0	0	0	0	0	0	50	0	0	0	0
St Luke's Hosp-Fargo	215	0	0	0	0	0	0	215	0	0	0	0
St. Josephs Hosp-Dickinso	50	0	0	0	0	0	0	50	0	0	0	0
Stanley Community Hospita	50	0	0	0	0	0	0	50	0	0	0	0
Wishek Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
South Dakota, total	1,094	0	0	0	0	0	0	1,093	0	0	0	1
Baptist Hospital Winner	32	0	0	0	0	0	0	32	0	0	0	0
Dakota Hospital	22	0	0	0	0	0	0	22	0	0	0	0
Devel Co Memorial Hosp	200	0	0	0	0	0	0	200	0	0	0	0
Flandreau Municipal Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Freeman Community Hosp	22	0	0	0	0	0	0	22	0	0	0	0
Gregory Community Hosp	10	0	0	0	0	0	0	10	0	0	0	0
Hans P Peterson Mem H	34	0	0	0	0	0	0	34	0	0	0	0
Holy Infant Hosp	250	0	0	0	0	0	0	250	0	0	0	0
Landman Jungman Mem Hosp	22	0	0	0	0	0	0	22	0	0	0	0
Methodist Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Pioneer Memorial Hospital	22	0	0	0	0	0	0	22	0	0	0	0
Rapid City Regional Hosp	53	0	0	0	0	0	0	53	0	0	0	0
Southern Hills Gen Hosp	48	0	0	0	0	0	0	48	0	0	0	0
St Luke's Hosp Aberdeen	200	0	0	0	0	0	0	200	0	0	0	0
St. Benedict Hospital	50	0	0	0	0	0	0	50	0	0	0	0
St. Michael's Hospital	22	0	0	0	0	0	0	22	0	0	0	0
SD Coal Agnst Viol/Sexual	1	0	0	0	0	0	0	0	0	0	0	1
Wagner Comm Mem Hosp	6	0	0	0	0	0	0	6	0	0	0	0
South Atlantic, total	348,057	1,685	2,593	79,341	7,830	36,896	17,033	88,229	738	65,910	30,438	17,364
Delaware, total	1,114	0	347	0	0	0	0	761	0	0	5	1
Actis Inc.	347	0	347	0	0	0	0	0	0	0	0	0
Delaware Assoc Sch Admin	1	0	0	0	0	0	0	0	0	0	0	1
Medical Center Delaware	761	0	0	0	0	0	0	761	0	0	0	0
Symposia Envir Biochem	5	0	0	0	0	0	0	0	0	0	5	0

See explanatory information, if any, and SOURCE at end of table.

BEST COPY AVAILABLE

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
District of Columbia, total	137,881	225	157	31,641	1,095	27,293	9,314	12,879	398	15,584	22,859	16,436
A Hamilton Occup Hlth Ctr	2	0	0	0	0	0	0	0	0	0	0	2
All End Chld Lead Pois	25	0	0	0	0	0	0	0	0	0	0	25
Am Col Nuclear Physicists	55	0	0	0	0	55	0	0	0	0	0	0
Amer Anthropol Assoc	10	0	0	0	0	0	0	0	0	0	10	0
Amer Assn Col Teacher	315	0	0	0	315	0	0	0	0	0	0	0
Amer Assoc Cmty & Jr Col	519	0	0	0	0	0	0	0	0	0	519	0
Amer Assoc-Advancmnt Sci	2,644	0	0	0	500	100	198	0	0	0	1,846	0
Amer Educational Res	170	0	0	0	0	0	0	0	0	0	170	0
Amer Inst of Architects	364	0	0	0	0	0	275	0	0	0	89	0
Amer Med Review Rsch Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Amer National Red Cross	29	0	0	29	0	0	0	0	0	0	0	0
Amer Registry Pathology	33	0	0	33	0	0	0	0	0	0	0	0
Amer Soc for Microbiology	10	0	0	5	0	0	0	0	0	0	5	0
Amer Society-Engr Educ	20,465	0	0	20,016	0	0	0	0	0	50	399	0
Amer Statistical Assoc	1,284	0	0	0	0	55	0	0	0	0	1,229	0
American Chemical Society	756	0	0	8	0	214	100	0	0	0	434	0
American Council On Educa	348	0	0	323	0	0	0	0	0	0	25	0
American Geophysicl Union	216	0	0	0	0	0	0	0	0	53	163	0
American Iron & Steel Ins	8,423	0	0	0	0	8,423	0	0	0	0	0	0
Assn of American Railrds	9,534	0	0	0	0	0	0	0	0	0	0	9,534
Assoc of Amer Geographers	343	0	0	0	0	0	0	0	0	0	343	0
Assoc of Science-Tech Cnt	154	0	0	0	0	0	0	0	0	0	154	0
Assoc Univ Prog Public	2,810	0	0	0	0	0	0	0	0	0	0	2,810
Atlantic St Marine Fisher	25	0	25	0	0	0	0	0	0	0	0	0
Brookings Institution	310	0	0	0	0	0	220	0	0	0	90	0
Carnegie Inst of Wash	3,925	100	0	100	0	0	0	2,048	0	403	1,274	0
Center for Marine Conserv	65	0	0	0	0	0	65	0	0	0	0	0
Chief State Schl Off	221	0	0	0	0	0	0	0	0	0	221	0
Children's Hosp Natl Med	2,485	0	0	0	0	0	0	2,485	0	0	0	0
Climate Institute	150	0	0	0	0	0	150	0	0	0	0	0
Col-Univ Rsrce Inst Inc	207	0	0	0	0	0	0	0	0	0	207	0
Cong Policy Rsch Ctr	775	0	0	0	0	775	0	0	0	0	0	0
Conservation Fdn	7	0	0	0	0	0	7	0	0	0	0	0
Council for Basic Educ	361	0	0	0	0	0	0	0	0	0	361	0
Ctr Strategc Int'l Studies	7	0	7	0	0	0	0	0	0	0	0	0
Displaced Homemakers Nwk	650	0	0	0	0	0	0	0	0	0	0	650
Environmental Law Inst	1,619	0	0	0	0	0	1,619	0	0	0	0	0
Gorgas Mem Inst Trpcl Med	143	0	0	143	0	0	0	0	0	0	0	0
Govt Fin Resource Ctr	50	0	0	0	0	0	50	0	0	0	0	0
Inst for Clinical P.E.T.	25	0	0	0	0	25	0	0	0	0	0	0
Inst Women Policy Rsch	50	0	0	0	0	0	0	0	0	0	0	50
Int'l City Mangmnt Assoc	444	0	0	0	0	0	444	0	0	0	0	0
Jobs for Homeless People	300	0	0	0	0	0	0	0	0	0	0	300
Joint Ctr Politcl Studies	6	0	0	0	0	0	0	6	0	0	0	0
Koba Institute	2,791	0	0	0	0	0	0	2,791	0	0	0	0
League of Women Voters	301	0	0	0	0	0	301	0	0	0	0	0
Math Assoc of America	27	0	0	27	0	0	0	0	0	0	0	0
Mediantic Health Care	1,454	0	0	0	0	0	0	1,454	0	0	0	0
Mortgage Bankers Assoc	77	0	0	0	0	0	0	0	0	0	0	77
Nat'l Academy of Sciences	58,424	70	0	10,747	280	17,623	2,096	838	398	13,446	11,199	1,727
National Governor's Assoc	1,824	0	0	0	0	0	1,510	0	0	0	314	0
National Public Radio	165	0	0	0	0	0	0	0	0	0	165	0
Nationl Assoc of Counties	279	0	0	0	0	0	279	0	0	0	0	0
Natl Acad Public Admin	563	0	0	0	0	0	0	0	0	563	0	0
Natl Assc Commissions Wm	1	0	0	0	0	0	0	0	0	0	0	1
Natl Assc Reg Utlty Comms	15	0	0	0	0	15	0	0	0	0	0	0
Natl Assn for Eq Opp H Ed	70	0	0	70	0	0	0	0	0	0	0	0
Natl Assoc of Realtors	10	0	0	0	0	0	0	0	0	0	0	10
Natl Assoc Conservation	80	30	0	0	0	0	50	0	0	0	0	0
Natl Biomedical Res Fdn	1,015	0	0	0	0	0	0	1,015	0	0	0	0
Natl Cncl Tchrs of Math	104	0	0	0	0	0	0	0	0	0	104	0
Natl Fdn for Brain Rsch	10	0	0	10	0	0	0	0	0	0	0	0
Natl Inst of Bldg Science	130	0	25	0	0	0	105	0	0	0	0	0
Natl Sci Teachers Assoc	4,052	0	0	0	0	0	0	0	0	969	3,083	0
One-To-One Partnership	50	0	0	0	0	0	0	0	0	0	0	50
Optical Soc of America	138	0	0	130	0	8	0	0	0	0	0	0
Public Technology, Inc	168	0	0	0	0	0	168	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

BEST COPY AVAILABLE

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
District of Columbia, cont'd:												
Qlty Ed Minorities Netwrk	182	0	0	0	0	0	0	0	0	0	182	0
Resources for Future Inc	848	25	0	0	0	0	723	0	0	100	0	0
Sport Fishing Institute	100	0	100	0	0	0	0	0	0	0	0	0
The Natl Learning Center	32	0	0	0	0	0	0	0	0	0	32	0
United States Conf Mayors	120	0	0	0	0	0	120	0	0	0	0	0
Universities Res Assoc	110	0	0	0	0	0	0	0	0	0	110	0
Urban Institute	3,730	0	0	0	0	0	377	2,093	0	0	131	1,129
Washington Hosp Ctr	99	0	0	0	0	0	0	99	0	0	0	0
Wider Oppties for Women	71	0	0	0	0	0	0	0	0	0	0	71
World Resources Institute	250	0	0	0	0	0	250	0	0	0	0	0
World Wildlife Fund - US	207	0	0	0	0	0	207	0	0	0	0	0
Florida, total	4,398	126	538	388	0	615	100	1,942	0	0	686	3
Amer Electroplaters Soc	100	0	0	0	0	0	100	0	0	0	0	0
Archbold Biological Stat	171	0	0	0	0	0	0	0	0	0	171	0
Cedars Medical Center	111	0	0	0	0	0	0	111	0	0	0	0
Florida Hospital	174	0	0	0	0	0	0	174	0	0	0	0
Florida Solar Energy Ctr	615	0	0	0	0	615	0	0	0	0	0	0
Gulf & S Atl Fish Dev Fdn	371	0	371	0	0	0	0	0	0	0	0	0
Halifax Hosp Med Ctr	178	0	0	0	0	0	0	178	0	0	0	0
Harbor Branch Oceo Inst	800	0	0	366	0	0	0	0	0	0	434	0
Marie Selby Botan Gardens	81	0	0	0	0	0	0	0	0	0	81	0
Miami Heart Institute	280	0	0	0	0	0	0	280	0	0	0	0
Mote Marine Laboratory	157	0	135	22	0	0	0	0	0	0	0	0
Mt Sinai Hosp Med Ctr Fla	578	0	0	0	0	0	0	578	0	0	0	0
Southeastern Fish Assoc	32	0	32	0	0	0	0	0	0	0	0	0
Tall Timbers Rsch Inc	126	126	0	0	0	0	0	0	0	0	0	0
Tampa Bay Rsch Inst Tech	621	0	0	0	0	0	0	621	0	0	0	0
Women Florida in Trades	3	0	0	0	0	0	0	0	0	0	0	3
Georgia, total	9,124	0	0	339	0	7,617	0	371	0	0	791	6
Coord Research Council	134	0	0	134	0	0	0	0	0	0	0	0
Dolphus E Milgn Sci Rsch	93	0	0	0	0	0	0	93	0	0	0	0
Grady General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Inst of Nuclear Power	7,000	0	0	0	0	7,000	0	0	0	0	0	0
Intl Soc Plant Molec Bio	50	0	0	0	0	0	0	0	0	0	50	0
National Science Ctr Fdn	741	0	0	0	0	0	0	0	0	0	741	0
R.J. Taylor Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Savannah Rvr Ecology Lab	118	0	0	0	0	118	0	0	0	0	0	0
Skidaway Inst of Ocean	704	0	0	205	0	499	0	0	0	0	0	0
St Joseph's Hosp-Atln	178	0	0	0	0	0	0	178	0	0	0	0
The Natl Cnfc Black Mayor	3	0	0	0	0	0	0	0	0	0	0	3
YWCA of Greater Atlanta	3	0	0	0	0	0	0	0	0	0	0	3
Maryland, total	74,863	6	74	1,103	0	355	200	24,447	188	47,471	456	563
Agricult Research Inst	50	0	0	0	0	0	50	0	0	0	0	0
Am Soc of Plant Physiol	6	6	0	0	0	0	0	0	0	0	0	0
Amer Physiological Soc	22	0	0	0	0	0	0	0	0	0	22	0
Amer Type Culture Col	2,521	0	0	0	0	79	0	2,307	0	0	135	0
Assn Univs Rsch & Astron	47,349	0	0	0	0	0	0	0	0	47,349	0	0
Bioelectromagnetics Soc	3	0	0	0	0	3	0	0	0	0	0	0
Boys & Girls Club Gr Wash	552	0	0	0	0	0	0	0	0	0	0	552
Carnegie Inst (Balto, MD)	188	0	0	0	0	0	0	0	188	0	0	0
Chesapeake Rsch Consort	54	0	54	0	0	0	0	0	0	0	0	0
Ecological Soc of America	6	0	0	0	0	6	0	0	0	0	0	0
Fed Amer Soc Exper Biol	6	0	0	0	0	2	0	0	0	0	4	0
Friends of Psychiatr Res	3,869	0	0	0	0	0	0	3,869	0	0	0	0
H M Jackson Foundation	7,330	0	0	828	0	0	0	6,366	0	0	136	0
Hands-on-Sci Outreach	109	0	0	0	0	0	0	0	0	0	109	0
Johns Hopkins Hospital	275	0	0	275	0	0	0	0	0	0	0	0
JFK Inst Handicapped	3,939	0	0	0	0	0	0	3,939	0	0	0	0
Kennedy Res Inst Inc	332	0	0	0	0	0	0	332	0	0	0	0
Life Science Rsch Fdn	16	0	0	0	0	16	0	0	0	0	0	0
MD Medical Rsch Inst	3,620	0	0	0	0	0	0	3,620	0	0	0	0
MD-Undersea Hyprbaric Med	20	0	20	0	0	0	0	0	0	0	0	0
Natl Assc Home Builders	194	0	0	0	0	94	100	0	0	0	0	0
Natl Cncl Rad Prot & Meas	292	0	0	0	0	120	50	0	0	122	0	0
Natl Public Srvc Rsch Ins	609	0	0	0	0	0	0	600	0	0	0	9
Pacific Inst Rsch&Eva	2,657	0	0	0	0	0	0	2,657	0	0	0	0
Radiation Rsch Society	40	0	0	0	0	35	0	5	0	0	0	0
Science Learning Inc	50	0	0	0	0	0	0	0	0	0	50	0
Sinai Hospital of Balto	66	0	0	0	0	0	0	66	0	0	0	0
St. Joseph Hospital	128	0	0	0	0	0	0	128	0	0	0	0
The Women's Law Center	2	0	0	0	0	0	0	0	0	0	0	2
Transnatl Fmly Res Inst	138	0	0	0	0	0	0	138	0	0	0	0
Union Memorial Hospital	102	0	0	0	0	0	0	102	0	0	0	0
Univ Assoc Rsch/Ed - Path	318	0	0	0	0	0	0	318	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
North Carolina, total	66,249	0	0	4,852	3,598	681	7,270	46,922	0	1,814	785	327
Alleganey Co Mem H	50	0	0	0	0	0	0	50	0	0	0	0
Ashe Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Blowing Rock Hospital	228	0	0	0	0	0	0	228	0	0	0	0
Carolinas Medical Center	150	0	0	0	0	0	0	150	0	0	0	0
Chowan Hospital	178	0	0	0	0	0	0	178	0	0	0	0
Ctr for Microelectronics	75	0	0	0	0	0	0	0	0	0	75	0
Human Ecolog Inst	3,220	0	0	0	0	0	0	3,220	0	0	0	0
Montgomery Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
North Carolina Equity Inc	2	0	0	0	0	0	0	0	0	0	0	2
Research Triangle Inst	57,760	0	0	4,852	0	681	7,270	42,818	0	1,814	0	325
Sci Museums of Charlotte	647	0	0	0	0	0	0	0	0	0	647	0
Southern Growth Policies	63	0	0	0	0	0	0	0	0	0	63	0
Spruce Pine Cmty Hosp	178	0	0	0	0	0	0	178	0	0	0	0
SE Regnl Vision for Educ	3,598	0	0	0	3,598	0	0	0	0	0	0	0
South Carolina, total	208	0	158	0	0	0	0	50	0	0	0	0
Byerly Hospital	50	0	0	0	0	0	0	50	0	0	0	0
South Carina Rsrch Auth	158	0	158	0	0	0	0	0	0	0	0	0
Virginia, total	49,758	3	1,319	41,018	632	310	149	253	152	1,041	4,856	25
Am Inst of Biological Sci	1,220	3	0	85	0	91	0	0	0	1,041	0	0
Amer Def Preprdnss Assoc	9	0	0	9	0	0	0	0	0	0	0	0
Amer Geological Inst	353	0	0	0	0	0	0	0	100	0	253	0
Amer Wind Energy Assoc	25	0	0	0	0	25	0	0	0	0	0	0
Analytic Services, Inc	40,655	0	0	40,655	0	0	0	0	0	0	0	0
Canb Marine Rsch Ctr	1,162	0	1,162	0	0	0	0	0	0	0	0	0
Cncl Exceptnl Childrn	325	0	0	0	325	0	0	0	0	0	0	0
Community Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Corp Natl Rsch Initiative	3,495	0	0	0	0	0	0	0	0	0	3,495	0
Council Am Bldg Officials	66	0	66	0	0	0	0	0	0	0	0	0
Ctr for Applied Linguist	307	0	0	0	307	0	0	0	0	0	0	0
Grtr Wash Ed Telcom Assoc	813	0	0	0	0	0	0	0	0	0	813	0
Human Resources Res Org	100	0	0	100	0	0	0	0	0	0	0	0
Inc Rsch Insts Seismology	295	0	0	0	0	0	0	0	0	0	295	0
Jr Eng Technical Soc.	150	0	0	150	0	0	0	0	0	0	0	0
Natl Assoc Housing Coop	25	0	0	0	0	0	0	0	0	0	0	25
Natl Conf States on Bus	84	0	0	0	0	0	84	0	0	0	0	0
Natl Hosp Ortho Rehab	203	0	0	0	0	0	0	203	0	0	0	0
Natl Soc of Professnl Eng	86	0	86	0	0	0	0	0	0	0	0	0
Nature Conservancy	117	0	0	0	0	0	65	0	52	0	0	0
Palisades Inst Rsch Svcs	16	0	0	16	0	0	0	0	0	0	0	0
Soc for Ind Microbiology	8	0	5	3	0	0	0	0	0	0	0	0
Waste Policy Institute	194	0	0	0	0	194	0	0	0	0	0	0
West Virginia, total	4,462	1,325	0	0	2,505	25	0	604	0	0	0	3
Appalachia Educ Lab	2,505	0	0	0	2,505	0	0	0	0	0	0	0
Broadus Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Davis Memorial Hospital	168	0	0	0	0	0	0	168	0	0	0	0
Logan General Hospital	168	0	0	0	0	0	0	168	0	0	0	0
METC Kids, Inc	25	0	0	0	0	25	0	0	0	0	0	0
Roane General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Spring & Groundwater Inst	1,325	1,325	0	0	0	0	0	0	0	0	0	0
United Hospital Center	168	0	0	0	0	0	0	168	0	0	0	0
Women and Employment	3	0	0	0	0	0	0	0	0	0	0	3
East South Central, total	42,494	817	178	6,859	400	794	1,099	29,216	0	2,106	503	522
Alabama, total	24,387	0	60	6,716	0	744	673	15,380	0	814	0	0
Marine Environ Sci Consor	60	0	60	0	0	0	0	0	0	0	0	0
Southern Research Inst	20,132	0	0	2,521	0	744	673	15,380	0	814	0	0
Sthestrn Ctr Elec Eng Ed	4,195	0	0	4,195	0	0	0	0	0	0	0	0
Kentucky, total	1,021	0	0	0	400	0	0	100	0	0	0	521
Am Printing House Blind	400	0	0	0	400	0	0	0	0	0	0	0
Grayson Co War Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
KY Domestic Violence	521	0	0	0	0	0	0	0	0	0	0	521
Our Lady of the Way Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Mississippi, total	3,239	817	118	83	0	0	426	0	0	1,292	503	0
Gulf Coast Rsch Lab	1,456	817	118	83	0	0	426	0	0	12	0	0
Inst for Technology Dev	1,280	0	0	0	0	0	0	0	0	1,280	0	0
Three Rivers Rgn Ed Svc	503	0	0	0	0	0	0	0	0	0	503	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Tennessee, total	13,847	0	0	60	0	50	0	13,736	0	0	0	1
Coal Employment Project	1	0	0	0	0	0	0	0	0	0	0	1
East Tenn Discovery Ctr	50	0	0	0	0	50	0	0	0	0	0	0
St Jude Child Rsch Hosp	13,796	0	0	60	0	0	0	13,736	0	0	0	0
West South Central, total	394,119	123	172	106,675	4,418	242,304	0	20,931	108	18,233	253	902
Arkansas, total	811	0	0	0	0	0	0	810	0	0	0	1
Arkansas Childrens Hospit	760	0	0	0	0	0	0	760	0	0	0	0
Helena Hospital	50	0	0	0	0	0	0	50	0	0	0	0
The Women's Project	1	0	0	0	0	0	0	0	0	0	0	1
Louisiana, total	1,119	123	0	0	0	0	0	996	0	0	0	0
Alton Ochsner Med Fndtn	686	0	0	0	0	0	0	686	0	0	0	0
S Cameron Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Sugar Process Rsch Inst	123	123	0	0	0	0	0	0	0	0	0	0
Touro Research Institute	260	0	0	0	0	0	0	260	0	0	0	0
Oklahoma, total	7,171	0	0	0	0	1,078	0	6,093	0	0	0	0
Cleveland Area Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Creek Nation Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Interstate Oil Compact	386	0	0	0	0	386	0	0	0	0	0	0
Okarche Memorial Hospital	45	0	0	0	0	0	0	45	0	0	0	0
Okla Medical Res Found	5,781	0	0	0	0	0	0	5,781	0	0	0	0
Okmulgee Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Rural Enterprises, Inc	196	0	0	0	0	196	0	0	0	0	0	0
St Francis Hosp	117	0	0	0	0	0	0	117	0	0	0	0
UIPC Research Foundation	496	0	0	0	0	496	0	0	0	0	0	0
Texas, total	385,018	0	172	106,675	4,418	241,226	0	13,032	108	18,233	253	901
Austin Childrens Museum	112	0	0	0	0	112	0	0	0	0	0	0
Computer Aided Manufactur	64	0	64	0	0	0	0	0	0	0	0	0
Eagle Lake Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Gulf Shrimp Rch & Dev Fdn	95	0	95	0	0	0	0	0	0	0	0	0
Hill Country Memorial Hsp	50	0	0	0	0	0	0	50	0	0	0	0
Houston Advanced Research	111	0	0	0	111	0	0	0	0	0	0	0
Houston Area Research Ctr	787	0	0	787	0	0	0	0	0	0	0	0
Inst Aerobics Research	500	0	0	0	0	0	0	500	0	0	0	0
Lee Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Natl Assoc Corrosion Eng	20	0	0	20	0	0	0	0	0	0	0	0
Santa Rosa Med Ctr	80	0	0	0	0	0	0	80	0	0	0	0
Scott and White Mem Hosp	395	0	0	0	0	0	0	395	0	0	0	0
Sematech, Inc.	96,700	0	0	96,700	0	0	0	0	0	0	0	0
Southwest Educ Dev Lab	4,307	0	0	0	4,307	0	0	0	0	0	0	0
Southwest Fdn for Res&Ed	11,991	0	0	303	0	0	0	11,688	0	0	0	0
Southwest Research Inst	21,871	0	13	8,089	0	1,294	0	89	108	11,125	253	900
St Joseph Hosp, Houston	130	0	0	0	0	0	0	130	0	0	0	0
Univ Rsch Assc-Spr Conduc	239,820	0	0	0	0	239,820	0	0	0	0	0	0
Universities Space Rsch	7,884	0	0	776	0	0	0	0	0	7,108	0	0
YWCA Metro Br Womens Ctr	1	0	0	0	0	0	0	0	0	0	0	1
Mountain, total	56,806	111	2,087	4,524	3,297	12,198	893	24,732	21	3,217	5,704	22
Arizona, total	3,817	0	0	0	0	0	0	3,211	0	402	200	4
Flagstaff Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Good Samaritan Med Ctr	133	0	0	0	0	0	0	133	0	0	0	0
Harrngton Arthr Rsch Ctr	93	0	0	0	0	0	0	93	0	0	0	0
Inst for Biogerontology	569	0	0	0	0	0	0	569	0	0	0	0
Lowell Observatory	503	0	0	0	0	0	0	0	0	402	101	0
Navapache Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Southwest Biomed Research	135	0	0	0	0	0	0	135	0	0	0	0
St Joseph's Hosp&Med Ctr	2,230	0	0	0	0	0	0	2,131	0	0	99	0
Wellness Council - Tucson	2	0	0	0	0	0	0	0	0	0	0	2
White Mountain Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
YWCA Tucson, Arizona	2	0	0	0	0	0	0	0	0	0	0	2

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Colorado, total	30,216	0	2,087	0	3,239	510	793	16,910	21	2,731	3,909	16
Amb Sentinel Pract Ntwrk	288	0	0	0	0	0	0	288	0	0	0	0
Amer Cancer Rsch Ctr Hosp	696	0	0	0	0	0	0	696	0	0	0	0
Amer Indian Sci&Eng Soc	356	0	0	0	0	0	0	0	0	36	320	0
Asian Pac Dev Ctr Colo	1	0	0	0	0	0	0	0	0	0	0	1
Aspen Center for Physics	37	0	0	0	0	6	0	0	0	31	0	0
Biol Sci Curiculm Stdy Co	1,647	0	0	0	0	210	0	0	0	0	1,437	0
Child Asthma Rsch Inst	599	0	0	0	0	0	0	599	0	0	0	0
Colo All for Sci (YCMS)	4	0	4	0	0	0	0	0	0	0	0	0
Colorado Org Adlscnt Preg	1	0	0	0	0	0	0	0	0	0	0	1
CO Parnter Educatl Renewl	140	0	0	0	140	0	0	0	0	0	0	0
E Roosevelt Inst Cancer	2,704	0	0	0	0	251	0	2,453	0	0	0	0
Educ Comm/States	498	0	0	0	0	0	0	0	0	0	498	0
Empowerment Program Svcs	1	0	0	0	0	0	0	0	0	0	0	1
Geological Soc of America	121	0	0	0	0	0	0	0	21	0	100	0
Inst Rsch on Socl Prob	165	0	0	0	0	0	0	165	0	0	0	0
Mi Casa Women's Center	4	0	0	0	0	0	0	0	0	0	0	4
Midcontinent Reg Educ Lab	3,099	0	0	0	3,099	0	0	0	0	0	0	0
Mount San Rafael Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Natl Conf St Legis Ldrs	663	0	0	0	0	0	663	0	0	0	0	0
Natl Hispana Leadership	2	0	0	0	0	0	0	0	0	0	0	2
Natl Jewish Ctr Immunolog	12,019	0	0	0	0	0	0	12,019	0	0	0	0
Natl Women Veterans Cnfc	3	0	0	0	0	0	0	0	0	0	0	3
Northeast Wms Rsrc Ctr	4	0	0	0	0	0	0	0	0	0	0	4
Penrose Hospital	234	0	0	0	0	0	0	234	0	0	0	0
Policy Center	406	0	0	0	0	0	0	406	0	0	0	0
Rcky Mtn Biol Lab	227	0	0	0	0	0	0	0	0	0	227	0
St Mary's Hospital	43	0	0	0	0	43	0	0	0	0	0	0
The Keystone Center	70	0	0	0	0	0	55	0	0	0	15	0
The Masonry Society	38	0	0	0	0	0	0	0	0	0	38	0
Univ Corp for Atmos Rsch	4,822	0	2,083	0	0	0	75	0	0	2,664	0	0
US Space Foundation	674	0	0	0	0	0	0	0	0	0	674	0
West Interst Comm High Ed	600	0	0	0	0	0	0	0	0	0	600	0
Idaho, total	127	0	0	0	0	27	0	100	0	0	0	0
Clearwater Valley Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Discovery Ctr of Idaho	27	0	0	0	0	27	0	0	0	0	0	0
Gritman Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Montana, total	3,460	111	0	0	0	1,424	0	654	0	0	1,271	0
Big Horn County Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Ctrl Mont Hosp & Nursing	50	0	0	0	0	0	0	50	0	0	0	0
Fallon Memorial Hospital	30	0	0	0	0	0	0	30	0	0	0	0
Glendive Community Hosp	48	0	0	0	0	0	0	48	0	0	0	0
Marcus Daly Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
McLaughlin Rsch Inst Bios	214	0	0	0	0	0	0	214	0	0	0	0
Montana Teachers of Math	1,271	0	0	0	0	0	0	0	0	0	1,271	0
Natl Ctr for Approp Tech	1,424	0	0	0	0	1,424	0	0	0	0	0	0
Pondera County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Shodair Crippled Child	12	0	0	0	0	0	0	12	0	0	0	0
St Peter's Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Systems for Envir Mgt	111	111	0	0	0	0	0	0	0	0	0	0
Teton Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
Trinity Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Nevada, total	149	0	0	0	0	0	0	149	0	0	0	0
Sierra Biomed Rsch Co	149	0	0	0	0	0	0	149	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
New Mexico, total	8,634	0	0	4,524	0	597	100	3,005	0	84	324	0
Lovelace Biomed Environ	80	0	0	0	0	80	0	0	0	0	0	0
Lovelace Fdn for Med Ed	3,344	0	0	0	0	197	100	2,963	0	84	0	0
NM Museum of Natur Hist	4,497	0	0	4,497	0	0	0	0	0	0	0	0
Santa Fe Institute	671	0	0	27	0	320	0	0	0	0	324	0
Socorro General Hospital	42	0	0	0	0	0	0	42	0	0	0	0
Utah, total	3,864	0	0	0	58	3,147	0	657	0	0	0	2
Assoc Westrn Univ, Inc	3,062	0	0	0	0	3,062	0	0	0	0	0	0
Latter-Day Saints Hosp	216	0	0	0	0	0	0	216	0	0	0	0
Reid Foundation	58	0	0	0	58	0	0	0	0	0	0	0
Salt Lake Clinic Res Fnd	441	0	0	0	0	0	0	441	0	0	0	0
Utah Coal Afr Amer Women	1	0	0	0	0	0	0	0	0	0	0	1
Utah Research Institute	85	0	0	0	0	85	0	0	0	0	0	0
YWCA of Salt Lake City	1	0	0	0	0	0	0	0	0	0	0	1
Wyoming, total	6,539	0	0	0	0	6,493	0	46	0	0	0	0
Goshen Co Mem Hosp	46	0	0	0	0	0	0	46	0	0	0	0
Western Research Inst	6,493	0	0	0	0	6,493	0	0	0	0	0	0
Pacific, total	458,492	6,563	1,508	121,894	11,088	11,923	823	281,691	0	4,101	17,475	1,426
Alaska, total	527	0	209	0	0	0	0	40	0	0	275	3
Alaska Eskimo Whale Comm	50	0	50	0	0	0	0	0	0	0	0	0
Alaska Fishery Dev Fdn	159	0	159	0	0	0	0	0	0	0	0	0
Homer Soc of Natural Hist	275	0	0	0	0	0	0	0	0	0	275	0
Seward General Hospital	40	0	0	0	0	0	0	40	0	0	0	0
YWCA Anchorage, Alaska	3	0	0	0	0	0	0	0	0	0	0	3
California, total	344,670	685	159	121,601	6,065	4,685	716	191,123	0	3,963	14,257	1,416
Agouran Institute	1,212	0	0	100	0	0	0	1,002	0	0	110	0
ALS Neuro Res Fdn	27	0	0	0	0	0	0	27	0	0	0	0
Bacra, Inc.	72	0	0	0	0	0	0	72	0	0	0	0
Beckman Research Inst	5,766	0	0	0	0	157	0	5,489	0	0	120	0
Cal Inst of Bio Rsrch	1,693	100	0	0	0	279	0	1,314	0	0	0	0
Cal Museum Foundation	100	0	0	0	0	100	0	0	0	0	0	0
Cal Pub Hlth Foundation	1,667	0	0	0	0	341	0	1,254	0	0	72	0
Calif Academy of Sciences	888	0	0	0	0	0	0	0	0	0	888	0
California Table Grape Cm	54	54	0	0	0	0	0	0	0	0	0	0
Cedars-Sinai Med Ctr	4,977	0	0	0	0	0	0	4,977	0	0	0	0
Center Independent Living	817	0	0	0	0	0	0	0	0	0	0	817
Child Hosp & Hlth Cntr	537	0	0	0	0	0	0	537	0	0	0	0
Child Hosp of Los Angeles	8,921	0	0	140	0	0	0	8,781	0	0	0	0
Child Hosp&Med Ctr N Cal	2,128	0	0	0	0	0	0	2,128	0	0	0	0
Child Hosp-Palo Alto	123	0	0	0	0	0	0	123	0	0	0	0
Children s Hosp Orange	35	0	0	0	0	0	0	35	0	0	0	0
City of Hope Medical Ctr	3,631	0	0	80	0	0	0	3,551	0	0	0	0
Colusa Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Ctr Adv Study Behav Sci	900	0	0	0	0	0	0	0	0	0	900	0
CA Univ Res Earthqk Eng	47	0	0	0	0	0	0	0	0	0	47	0
Deskin Research Group	55	0	0	0	0	55	0	0	0	0	0	0
Earthquake Eng Rsch Inst	169	0	0	0	0	0	0	0	0	0	169	0
East Bay Inst-Rsch & Educ	562	0	0	0	0	0	0	562	0	0	0	0
Educ & Technology Foundat	335	0	0	0	335	0	0	0	0	0	0	0
Electric Power Research	72	0	0	0	0	72	0	0	0	0	0	0
Elkhorn Slough Foundation	90	0	90	0	0	0	0	0	0	0	0	0
Estelle Doheny Eye Fdn	2,545	0	0	0	0	0	0	2,545	0	0	0	0
EEG Systems Lab	883	0	0	0	0	0	0	883	0	0	0	0
Far West Lab Ed Res & Dev	5,658	0	0	0	5,658	0	0	0	0	0	0	0
Fdn for Adv in Sci & Eng	256	0	0	0	0	256	0	0	0	0	0	0
Fdn for Adv in Sci & Ed	601	0	0	0	0	0	0	0	0	0	601	0
Fdn Employment & Disblty	235	0	0	0	0	0	0	0	0	0	235	0
Film Arts Foundation	75	0	0	0	0	0	0	0	0	0	75	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
California, cont'd:												
Fresno Cmty Hosp	162	0	0	0	0	0	0	162	0	0	0	0
Galileo Foundation	10	0	0	10	0	0	0	0	0	0	0	0
Hereditary Disease Fnd	354	0	0	0	0	0	0	354	0	0	0	0
House Ear Institute	405	0	0	0	0	0	0	405	0	0	0	0
Hubbs Sea World Res Instt	69	0	69	0	0	0	0	0	0	0	0	0
Huntington Med Rsch Insts	585	0	0	0	0	0	0	585	0	0	0	0
Inst for Rsch on Learning	123	0	0	0	0	0	0	0	0	0	123	0
Inst of Human Origins	277	0	0	0	0	0	0	0	0	0	277	0
Inst Medical Research	508	0	0	0	0	0	0	508	0	0	0	0
Inst Study Learning Exper	5	0	0	0	0	0	0	0	0	0	5	0
Intl Assc Phys Sci Ocean	55	0	0	0	0	0	0	0	0	0	55	0
Intl Computer Sci Inst	220	0	0	0	0	0	0	0	0	0	220	0
Intl Indust Super Cond	20	0	0	0	0	20	0	0	0	0	0	0
Intl Symp Env Biogeochem	15	0	0	0	0	15	0	0	0	0	0	0
Jay David Gladstone Fdn	2,049	0	0	0	0	0	0	2,049	0	0	0	0
John Muir Memorial Hosp	488	0	0	0	0	0	0	488	0	0	0	0
Kaiser Fdn Rsch Inst	9,244	0	0	0	0	0	0	9,244	0	0	0	0
La Jolla Cancer Rsch Fdn	8,777	0	0	0	0	0	0	8,697	0	0	80	0
La Jolla Clinic Res F	295	0	0	0	0	0	0	295	0	0	0	0
La Jolla Inst of Exp Med	197	0	0	0	0	0	0	197	0	0	0	0
La Jolla Inst Allerg/Imm	367	0	0	0	0	0	0	367	0	0	0	0
Lajolla Institute	858	0	0	0	0	0	0	858	0	0	0	0
Life Lab Sci Prog	651	0	0	0	0	0	0	0	0	0	651	0
Linus Pauling Institute	73	0	0	0	0	73	0	0	0	0	0	0
LA Cty Museum of Nat Hist	200	0	0	0	0	0	0	0	0	0	200	0
Med Rsch Inst of S F	6,806	0	0	0	0	0	0	6,806	0	0	0	0
Medical Biology Institute	4,405	0	0	0	0	0	0	4,405	0	0	0	0
Memorial Cancer Res Fdn	4,698	0	0	0	0	0	0	4,698	0	0	0	0
Memorial Hosp & Med Ctr	478	0	0	0	0	0	0	478	0	0	0	0
Mercy Hosp & M C-S Diego	75	0	0	75	0	0	0	0	0	0	0	0
Merritt-Peralta Hospital	142	0	0	0	0	0	0	142	0	0	0	0
Molecular Research Inst	339	0	0	0	0	0	0	249	0	0	90	0
Monterey Inst Res Astron	40	0	0	40	0	0	0	0	0	0	0	0
Montry Bay Aquar Rsch Ins	21	0	0	21	0	0	0	0	0	0	0	0
Mt Zion Hosp & Med Ctr	181	0	0	0	0	0	0	181	0	0	0	0
Natl Ctr for Health Educ	72	0	0	0	72	0	0	0	0	0	0	0
Natl Hisp Schlrshp Fund	350	0	0	0	0	350	0	0	0	0	0	0
New Ways to Work	3	0	0	0	0	0	0	0	0	0	0	3
Orion Medical Science	4,029	0	0	0	0	0	0	4,029	0	0	0	0
Pacifc Inst Rsch & Eval	24	0	0	0	0	0	0	0	0	0	24	0
Pacific Inst for Res	3,198	0	0	0	0	0	0	3,198	0	0	0	0
Palo Alto Med Res Found	2,003	205	0	0	0	0	0	1,798	0	0	0	0
Point Reyes Bird Observ	153	0	0	0	0	0	0	0	0	0	153	0
Public Health Fdn - LA	276	0	0	0	0	0	0	276	0	0	0	0
Rancho Santa Ana Bot Gdns	198	0	0	0	0	0	0	0	0	0	198	0
Rand Corporation	87,512	0	0	76,242	0	0	396	10,208	0	53	533	80
Redwood Memorial Hospital	167	0	0	0	0	0	0	167	0	0	0	0
Research and Educ Inst	439	0	0	0	0	0	0	439	0	0	0	0
Rockwell Intl Science Ctr	636	0	0	0	0	118	0	0	0	520	0	0
Salk Inst for Biol Stud	34,738	208	0	9,371	0	657	0	24,053	0	0	449	0
San Diego Natl Hstry Msm	19	0	0	0	0	0	0	0	0	0	19	0
Scientific Analysis Corp	2,322	0	0	0	0	0	0	2,322	0	0	0	0
Scripps Clinic & Res Fdn	55,798	118	0	1,071	0	180	0	53,594	0	291	544	0
Scripps Memorial Hospital	4,839	0	0	0	0	0	0	4,839	0	0	0	0
Smith Kttwll Eye Rsch	3,009	0	0	0	0	0	0	3,009	0	0	0	0
Soc of Vertebrate Paleon	17	0	0	0	0	0	0	0	0	0	17	0
Society Hispanic Prof Eng	115	0	0	0	0	0	0	0	0	0	115	0
Southern Calif Res Inst	136	0	0	0	0	0	0	136	0	0	0	0
St Vincent Med Ctr	148	0	0	0	0	0	0	148	0	0	0	0
Sutter Cmty Hospitals	70	0	0	0	0	0	0	70	0	0	0	0
SETI Institute	432	0	0	0	0	0	0	0	0	0	432	0
SRI International	52,548	0	0	34,451	0	1,930	320	8,051	0	3,099	4,183	514
SW Reg Lab for Ed R&D	108	0	0	0	0	0	0	108	0	0	0	0
The Exploratorium	2,565	0	0	0	0	84	0	0	0	0	2,481	0
Torrey Pines Inst Mol Std	191	0	0	0	0	0	0	0	0	0	191	0
Tradeswomen Inc	2	0	0	0	0	0	0	0	0	0	0	2
Transnational Family Rsch	180	0	0	0	0	0	0	180	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Federal obligations to independent nonprofit institutions for research and development and R&D plant, by geographic division, State, institution, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Hawaii, total	18,479	5,878	1,140	0	2,015	5,000	0	4,095	0	0	349	2
Bernice P Bishop Museum	349	0	0	0	0	0	0	0	0	0	349	0
Girl Scouts Cncl Hawaii	2	0	0	0	0	0	0	0	0	0	0	2
HI Sugar Planters Assoc	1,276	1,276	0	0	0	0	0	0	0	0	0	0
Kapiolani Child Med Ctr	418	0	0	0	0	0	0	418	0	0	0	0
Kuakini Med Rsch Inst	3,018	0	0	0	0	0	0	3,018	0	0	0	0
Pacif Intl Ctr Hi Tech R	5,000	0	0	0	0	5,000	0	0	0	0	0	0
Pacific Hlth Rsch Inst	659	0	0	0	0	0	0	659	0	0	0	0
Pacific Region Educ Lab	2,015	0	0	0	2,015	0	0	0	0	0	0	0
The Oceanic Institute	5,742	4,602	1,140	0	0	0	0	0	0	0	0	0
Oregon, total	27,749	0	0	10	2,876	129	0	22,609	0	138	1,985	2
Good Samaritan Hosp&Med	4,014	0	0	0	0	0	0	3,757	0	138	119	0
Integrated Rsch Services	63	0	0	0	0	0	0	63	0	0	0	0
Kaiser Foundation	275	0	0	0	0	0	0	275	0	0	0	0
Lebanon County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Medical Res Fdn of Oregon	9,210	0	0	0	0	0	0	9,210	0	0	0	0
Mountain View Dstrct Hosp	85	0	0	0	0	0	0	85	0	0	0	0
NW Reg Education Lab	2,876	0	0	0	2,876	0	0	0	0	0	0	0
Oregon Adv Computing Inst	10	0	0	10	0	0	0	0	0	0	0	0
Oregon Museum Sci Indstry	1,995	0	0	0	0	129	0	0	0	0	1,866	0
Oregon Research Inst	5,294	0	0	0	0	0	0	5,294	0	0	0	0
Oregon Social Learng Ctr	3,383	0	0	0	0	0	0	3,383	0	0	0	0
Providence Med Ctr-Prtlnd	492	0	0	0	0	0	0	492	0	0	0	0
Women Ed Emplymnt Netwk	2	0	0	0	0	0	0	0	0	0	0	2
Washington, total	67,067	0	0	283	132	2,109	107	63,824	0	0	609	3
Astrophysical Rsch Cons	317	0	0	317	0	0	0	0	0	0	0	0
Biomembrane Institute	852	0	0	0	0	0	0	852	0	0	0	0
Center for Health Studies	72	0	0	0	0	0	0	72	0	0	0	0
Child Orthopedic Hospital	3,019	0	0	0	0	0	0	3,019	0	0	0	0
F Hutchnsn Cancr Res Inst	51,822	0	0	-34	69	110	107	51,205	0	0	365	0
Fdn Glacier & Environ Rch	56	0	0	0	0	0	0	0	0	0	56	0
Girls Club of Puget Sound	1	0	0	0	0	0	0	0	0	0	0	1
Hanford Occ Hlth Found	1,999	0	0	0	0	1,999	0	0	0	0	0	0
Inst Applied Physiol	179	0	0	0	0	0	0	179	0	0	0	0
Issaquah Hlth Res Inst	2,403	0	0	0	0	0	0	2,403	0	0	0	0
Pacific Northwest Res Fdn	625	0	0	0	0	0	0	625	0	0	0	0
Pacific Science Ctr Fdn	184	0	0	0	0	0	0	0	0	0	184	0
Pathways for Women	2	0	0	0	0	0	0	0	0	0	0	2
Puget Sound Blood Center	1,127	0	0	0	0	0	0	1,127	0	0	0	0
Seattle Biomed Rsch Inst	4	0	0	0	0	0	0	0	0	0	4	0
Seattle Research Center	1,895	0	0	0	0	0	0	1,895	0	0	0	0
Swedish Hospital Med Ctr	462	0	0	0	0	0	0	462	0	0	0	0
The Creative Connection	63	0	0	0	63	0	0	0	0	0	0	0
Tri-State Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
VA Mason Fdn Med Ed&Rsch	1,935	0	0	0	0	0	0	1,935	0	0	0	0
Outlying areas, total	53	0	0	0	0	0	0	50	0	0	0	3
Puerto Rico, total	50	0	0	0	0	0	0	50	0	0	0	0
Castaner General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Virgin Islands, total	3	0	0	0	0	0	0	0	0	0	0	3
Womens Coal of St Croix	3	0	0	0	0	0	0	0	0	0	0	3

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

NOTE: The appearance of negative numbers is a result of deobligations; see "Definitions" in Technical Notes.

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-19. Federal obligations for research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1991: fiscal years 1984-91

[Dollars in thousands]

Institution	1984	1985	1986	1987	1988	1989	1990	1991
Total, all institutions	1,111,038	1,568,997	1,595,095	1,784,132	1,956,193	2,110,661	2,285,899	2,498,115
1 U Rsch Assoc Super Conduc	-	-	-	-	-	19,365	169,380	239,820
2 Sematech, Inc.	-	-	-	-	100,000	100,000	100,000	96,700
3 Rand Corporation	19,059	34,048	30,886	46,876	32,902	33,051	90,006	87,512
4 Mass General Hospital	28,885	34,091	39,726	44,548	45,828	56,838	66,461	81,498
5 Brigham and Women's Hosp	24,334	37,032	36,800	47,779	53,370	59,894	61,715	79,509
6 Draper Laboratories	69,695	321,984	250,574	196,739	194,279	142,685	136,012	73,923
7 Nat'l Academy of Sciences	42,217	48,257	41,287	55,131	59,088	63,490	55,376	58,424
8 Research Triangle Inst	24,079	24,888	32,018	53,253	53,015	61,663	54,106	57,760
9 Scripps Clinic & Res Fdn	29,977	34,451	37,661	46,628	52,423	54,549	57,706	55,798
10 Battelle Memorial Inst	42,097	48,539	78,343	69,515	49,537	51,666	42,615	53,428
Total 1st 10 institutions	280,343	583,290	547,295	560,469	640,442	643,201	833,377	884,372
11 SRI International	55,887	66,594	72,986	82,382	79,364	60,986	54,390	52,548
12 F Hutchnsn Cancr Res Inst	19,452	20,444	24,424	27,683	35,927	40,833	44,047	51,822
13 Assn Univs Rsch & Astron	11,025	15,572	19,722	17,787	23,739	27,346	31,672	47,349
14 Sloan-Kettering Cancer Rs	36,908	40,403	37,596	43,207	40,257	44,595	43,609	46,238
15 Mayo Foundation	31,912	36,808	36,040	39,823	38,617	39,801	37,521	43,232
16 Dana-Farber Cancer Inst	22,141	25,890	26,726	31,391	37,430	41,799	41,687	43,222
17 Analytic Services, Inc	15,183	17,000	19,829	25,020	26,050	28,475	24,397	40,655
18 Natl Ctr Manufact Sci Inc	-	-	-	-	-	-	-	35,270
19 Salk Inst for Biol Stud	14,862	17,667	26,063	26,396	27,986	27,184	29,405	34,738
20 Joint Ocean Insts Inc	24,282	25,367	22,252	23,596	25,001	26,213	26,392	29,327
Total 1st 20 institutions	511,995	849,035	832,933	877,754	974,813	980,433	1,166,497	1,308,773
21 Children's Hospital	16,354	20,388	16,917	21,071	21,688	23,366	27,030	28,355
22 IIT Research Institute	45,404	60,494	71,904	62,117	79,175	91,856	69,696	24,542
23 Southwest Research Inst	13,421	25,387	24,248	43,386	31,566	32,104	29,344	21,871
24 N Eng Med Ctr & Hospitals	6,660	8,664	11,651	17,834	20,190	19,887	17,357	21,423
25 Wistar Institute	13,873	16,356	16,079	19,181	20,163	21,986	20,889	21,131
26 Amer Society-Engr Educ	1,390	1,384	2,156	4,076	1,986	13,457	5,050	20,465
27 Southern Research Inst	14,775	18,893	17,811	16,475	23,801	21,307	21,144	20,132
28 Jackson Lab	7,212	7,524	7,690	9,283	9,445	10,600	19,688	19,972
29 MPC Corp	458	345	313	1,354	1,664	12,520	15,763	18,065
30 Cold Spring Harbor Lab	8,830	10,016	8,076	11,841	13,296	13,447	16,519	17,762
Total 1st 30 institutions	640,372	1,018,486	1,009,778	1,084,372	1,197,787	1,240,963	1,408,977	1,522,491
31 Fox Chase Cancer Center	-	-	-	-	-	8,796	15,977	17,135
32 Beth Israel Hospital(NJ)	0	0	0	0	0	0	220	15,477
33 Liberty Science Center	-	-	-	-	-	-	-	15,000
34 Environmental Res Inst	8,815	9,878	11,700	5,381	7,794	13,773	18,241	14,714
35 St Jude Child Rsch Hosp	8,607	10,617	10,795	11,179	11,289	11,756	12,137	13,796
36 Cleveland Clinic Fdn	6,356	9,211	8,217	9,866	10,280	12,506	11,078	13,087
37 Child Hosp of Phila	7,551	8,523	7,874	9,499	11,217	11,619	11,888	12,782
38 Jewish Hosp of St Louis	3,649	4,477	4,626	6,420	8,184	9,656	10,914	12,553
39 Natl Jewish Ctr Immunolog	6,642	8,629	8,341	9,486	8,854	9,705	10,284	12,019
40 Southwest Fdn for Res&Ed	4,906	4,356	5,486	8,756	10,393	10,141	10,581	11,991
Total 1st 40 institutions	686,898	1,074,177	1,066,817	1,144,959	1,265,798	1,328,915	1,510,297	1,661,045
41 Child Hosp of Pittsburgh	2,678	1,763	3,045	3,160	18,267	3,749	3,815	11,826
42 American Hlth Fdn Inc	9,032	8,270	9,664	12,030	12,947	11,780	11,516	11,324
43 Montefiore Hosp & Med Ctr	4,523	4,931	5,113	7,002	9,107	9,260	9,781	10,698
44 Mclean Hospital	4,849	6,294	5,970	7,863	7,574	10,444	10,759	10,324
45 Riverside Res Inst	5,389	4,009	19,528	13,787	18,619	10,738	10,684	9,644
46 Assn of American Railrds	-	8,530	8,256	5,121	9,201	9,218	11,507	9,534
47 N Eng Deaconess Hospital	2,339	2,743	3,264	5,351	6,723	9,484	7,678	9,363
48 Worcester Fdn Exp Bio	8,431	8,693	6,979	9,269	9,644	10,130	9,605	9,356
49 Kaiser Fdn Rsch Inst	2,895	3,609	4,357	7,087	8,030	9,375	9,869	9,244
50 Medical Res Fdn of Oregon	7,244	7,622	7,202	7,281	7,509	9,608	9,558	9,210
Total 1st 50 institutions	734,278	1,130,841	1,140,195	1,222,910	1,373,419	1,422,701	1,605,069	1,761,568

See explanatory information, if any, and SOURCE at end of table.

Table B-19. Federal obligations for research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1991: fiscal years 1984-91

[Dollars in thousands]

Institution	1984	1985	1986	1987	1988	1989	1990	1991
51 Rush Prsbytrn/St Lks	3,261	3,967	4,602	4,996	5,363	5,791	7,173	9,196
52 Child Hosp of Los Angeles	2,329	2,578	3,377	4,043	5,323	6,911	7,427	8,921
53 Inst for Cancer Research	12,261	12,807	14,588	14,397	13,953	505	149	8,865
54 Merit Network Inc.	-	-	-	-	-	-	1,126	8,863
55 La Jolla Cancer Rsch Fdn	4,903	5,356	6,522	7,137	7,632	8,756	8,371	8,777
56 Whitehead Inst Biomed	0	5,217	4,922	6,779	8,251	8,239	8,523	8,868
57 American Iron & Steel Ins	-	-	-	-	-	7,985	9,254	8,423
58 Mitre Corporation	20,038	23,140	14,385	11,133	7,730	17,297	10,339	8,231
59 Universities Space Rsch	0	716	3,831	3,759	3,166	8,651	8,447	7,884
60 Midwest Research Inst	8,021	9,226	16,108	13,249	11,294	10,521	5,258	7,807
Total 1st 60 institutions	785,091	1,193,848	1,208,530	1,288,403	1,436,131	1,497,357	1,671,136	1,847,201
61 University Hospital	3,289	3,032	3,793	4,797	4,772	4,842	5,937	7,590
62 Retina Foundation	3,874	5,469	5,495	6,170	6,071	6,342	6,048	7,555
63 Ctr for Blood Research	2,190	4,550	3,949	4,991	5,444	6,662	7,064	7,474
64 Childrens TV Workshop	3,000	2,500	4,285	4,750	3,245	6,220	2,343	7,343
65 H M Jackson Foundation	50	97	757	1,507	3,465	5,928	28,448	7,330
66 Child Hosp Med Ctr Cincin	4,184	4,537	4,277	5,283	5,531	4,566	5,488	7,059
67 Inst of Nuclear Power	-	-	-	-	801	3,055	0	7,000
68 Natl Marrow Donor Program	-	-	-	-	-	-	-	6,900
69 Med Rsch Inst of S F	3,433	3,909	2,378	3,649	4,460	5,915	5,845	6,806
70 Tech Ed Rsch Ctr	0	17	792	1,192	1,693	1,739	4,281	6,509
Total 1st 70 institutions	805,111	1,217,959	1,234,256	1,320,742	1,471,613	1,542,626	1,736,590	1,918,767
71 Western Research Inst	-	-	-	-	5,394	20,785	7,495	6,493
72 Mass Eye & Ear Infirmary	4,463	5,155	5,049	6,669	6,676	6,322	6,659	6,490
73 Univ City Science Center	5,124	4,895	5,989	6,479	6,145	7,191	6,570	6,392
74 Narcotics & Drug Rch Inst	-	-	-	-	-	4,113	4,063	5,916
75 Forsyth Dental Center	4,059	4,727	3,989	4,358	4,590	4,874	5,387	5,856
76 Okla Medical Res Found	4,111	5,533	5,569	6,455	6,139	4,826	4,527	5,781
77 Beckman Research Inst	4,430	4,507	4,146	3,849	6,659	6,119	6,643	5,766
78 The Oceanic Institute	10	725	686	1,531	9,473	3,772	5,256	5,742
79 Far West Lab Ed Res & Dev	3,069	3,290	2,722	2,932	2,911	2,959	2,557	5,658
80 Oregon Research Inst	1,893	1,639	2,105	2,307	2,956	2,944	4,692	5,294
Total 1st 80 institutions	832,270	1,248,430	1,264,511	1,355,322	1,522,556	1,606,531	1,790,439	1,978,155
81 Joslin Diabetes Fdn Inc	3,610	3,981	4,787	5,405	5,191	4,129	4,829	5,239
82 Marine Biological Lab	3,069	3,149	3,960	3,668	4,885	2,238	2,326	5,047
83 Michigan Cancer Fdn	4,372	7,078	6,045	6,758	4,965	5,717	5,281	5,019
84 Pacif Intl Ctr Hi Tech R	-	-	-	-	-	-	-	5,000
85 Cedars-Sinai Med Ctr	2,313	2,713	3,026	4,815	5,486	6,585	5,484	4,977
86 Health Effects Institute	-	-	-	-	3,126	5,000	0	4,915
87 Scripps Memorial Hospital	586	849	759	845	615	3,136	3,675	4,839
88 Univ Corp for Atmos Rsch	-	-	-	-	756	3,149	7,332	4,822
89 Memorial Cancer Res Fdn	68	69	84	0	0	0	0	4,698
90 Public Health Res Inst	2,753	3,032	3,211	4,254	4,558	4,920	4,394	4,680
Total 1st 90 institutions	849,041	1,269,301	1,286,383	1,381,067	1,552,138	1,641,405	1,823,760	2,027,391
91 NM Museum of Natur Hist	-	-	-	331	4	8	0	4,497
92 North Shore Univ Hosp	355	450	811	1,673	1,709	2,488	4,358	4,474
93 Medical Biology Institute	1,061	2,381	3,290	3,469	3,311	5,209	4,143	4,405
94 Southwest Educ Dev Lab	1,477	1,502	2,454	2,461	1,861	2,163	1,759	4,307
95 Natl Bureau Econ Rsch Inc	2,135	1,742	2,209	2,778	3,002	4,608	4,516	4,285
96 Sthestrn Ctr Elec Eng Ed	5,130	5,576	4,702	4,003	3,230	5,572	5,261	4,195
97 St Luke's Inst for Health	2,407	2,249	2,808	3,632	4,026	3,872	4,798	4,167
98 Natl Sci Teachers Assoc	829	917	793	1,011	618	3,237	3,632	4,052
99 Orion Medical Science	-	-	-	-	-	-	-	4,029
100 Good Samaritan Hosp&Med C	2,189	1,812	2,169	3,183	2,767	3,388	3,629	4,014
Total 1st 100 institutions	864,624	1,285,930	1,305,619	1,403,608	1,572,666	1,671,950	1,855,856	2,069,816

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-20. Federal obligations to research institutes for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total, all institutions	1,563,089	7,592	8,957	443,862	23,848	283,740	27,826	611,233	448	57,670	92,907	5,006
1 U Rsch Assoc Super Conduc	239,820	0	0	0	0	239,820	0	0	0	0	0	0
2 Sematech, Inc.	96,700	0	0	96,700	0	0	0	0	0	0	0	0
3 Rand Corporation	87,512	0	0	76,242	0	0	396	10,208	0	53	533	80
4 Draper Laboratories	73,923	0	0	57,531	0	0	0	0	0	15,988	113	291
5 Research Triangle Inst	57,760	0	0	4,852	0	681	7,270	42,818	0	1,814	0	325
6 Battelle Memorial Inst	53,428	0	0	34,787	0	6,044	5,136	3,428	0	3,983	0	50
7 SRI International	52,548	0	0	34,451	0	1,930	320	8,051	0	3,099	4,183	514
8 F Hutchnsn Cancr Res Inst	51,822	0	0	-34	69	110	107	51,205	0	0	365	0
9 Sloan-Kettering Cancer Rs	46,238	0	0	211	0	720	0	45,157	0	0	150	0
10 Mayo Foundation	43,232	0	0	3,016	0	0	0	40,023	0	0	193	0
Total 1st 10 institutions	802,983	0	0	307,756	69	249,305	13,229	200,890	0	24,937	5,537	1,260
11 Analytic Services, Inc	40,655	0	0	40,655	0	0	0	0	0	0	0	0
12 Natl Ctr Manufact Sci Inc	35,270	0	2,370	32,900	0	0	0	0	0	0	0	0
13 Salk Inst for Biol Stud	34,738	208	0	9,371	0	657	0	24,053	0	0	449	0
14 Joint Ocean Insts Inc	29,327	0	0	54	0	0	0	0	0	0	29,273	0
15 IIT Research Institute	24,542	0	0	12,435	0	8,582	336	2,684	0	0	0	505
16 Southwest Research Inst	21,871	0	13	8,089	0	1,294	0	89	108	11,125	253	900
17 Wistar Institute	21,131	0	0	0	0	0	0	20,901	0	0	230	0
18 Southern Research Inst	20,132	0	0	2,521	0	744	673	15,380	0	814	0	0
19 Jackson Lab	19,972	0	0	0	0	0	95	19,677	0	0	200	0
20 MPC Corp	18,065	0	0	0	0	0	0	2,199	0	0	15,866	0
Total 1st 20 institutions	1,068,686	208	2,383	413,781	69	260,582	14,333	285,873	108	36,876	51,808	2,665
21 Cold Spring Harbor Lab	17,762	285	0	0	0	419	0	16,343	0	0	715	0
22 Fox Chase Cancer Center	17,135	0	0	0	0	0	0	16,922	0	0	213	0
23 Environmental Res Inst	14,714	0	0	13,311	0	0	0	0	0	1,403	0	0
24 Southwest Fdn for Res&Ed	11,991	0	0	303	0	0	0	11,688	0	0	0	0
25 American Hlth Fdn Inc	11,324	0	0	0	0	0	0	11,324	0	0	0	0
26 Riverside Res Inst	9,644	0	0	9,138	0	0	0	506	0	0	0	0
27 Worcester Fdn Exp Bio	9,356	0	0	0	0	158	0	8,984	0	0	214	0
28 Kaiser Fdn Rsch Inst	9,244	0	0	0	0	0	0	9,244	0	0	0	0
29 Medical Res Fdn of Oregon	9,210	0	0	0	0	0	0	9,210	0	0	0	0
30 Inst for Cancer Research	8,865	0	0	0	0	0	0	8,765	0	0	100	0
Total 1st 30 institutions	1,187,931	493	2,383	436,533	69	261,159	14,333	378,859	108	38,279	53,050	2,665
31 La Jolla Cancer Rsch Fdn	8,777	0	0	0	0	0	0	8,697	0	0	80	0
32 Whitehead Inst Biomed	8,666	0	0	0	0	0	0	8,147	0	0	519	0
33 Mitre Corporation	8,231	0	0	0	0	0	0	0	0	8,231	0	0
34 Midwest Research Inst	7,807	0	0	1,983	0	50	1,499	4,097	0	117	0	61
35 Retina Found	7,555	0	0	201	0	0	0	7,354	0	0	0	0
36 Ctr for Blood Research	7,474	0	0	0	0	0	0	7,474	0	0	0	0
37 Childrens TV Workshop	7,343	0	0	0	0	0	0	0	0	0	7,343	0
38 H M Jackson Foundation	7,330	0	0	828	0	0	0	6,366	0	0	136	0
39 Med Rsch Inst of S F	6,806	0	0	0	0	0	0	6,806	0	0	0	0
40 Tech Ed Rsch Ctr	6,509	0	0	0	0	0	0	0	0	0	6,509	0
Total 1st 40 institutions	1,264,429	493	2,383	439,545	69	261,209	15,832	427,800	108	46,627	67,637	2,726
41 Western Research Inst	6,493	0	0	0	0	6,493	0	0	0	0	0	0
42 Univ City Science Center	6,392	0	0	0	0	2,470	100	3,301	0	521	0	0
43 Narcotics & Drug Rch Inst	5,916	0	0	0	0	0	0	5,916	0	0	0	0
44 Forsyth Dental Center	5,856	0	0	0	0	0	0	5,856	0	0	0	0
45 Okla Medical Res Found	5,781	0	0	0	0	0	0	5,781	0	0	0	0
46 Beckman Research Inst	5,766	0	0	0	0	157	0	5,489	0	0	120	0
47 The Oceanic Institute	5,742	4,602	1,140	0	0	0	0	0	0	0	0	0
48 Far West Lab Ed Res & Dev	5,658	0	0	0	5,658	0	0	0	0	0	0	0
49 Oregon Research Inst	5,294	0	0	0	0	0	0	5,294	0	0	0	0
50 Marine Biological Lab	5,047	0	0	85	0	15	300	2,107	0	65	2,475	0
Total 1st 50 institutions	1,322,374	5,095	3,523	439,630	5,727	270,344	16,232	461,544	108	47,213	70,232	2,726

See explanatory information, if any, and SOURCE at end of table.

Table B-20. Federal obligations to research institutes for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
51 Michigan Cancer Fdn	5,019	0	0	0	0	0	0	5,019	0	0	0	0
52 Pacif Intl Ctr Hi Tech R	5,000	0	0	0	0	5,000	0	0	0	0	0	0
53 Health Effects Institute	4,915	0	0	0	0	0	4,915	0	0	0	0	0
54 Univ Corp for Atmos Rsch	4,822	0	2,083	0	0	0	75	0	0	2,664	0	0
55 Public Health Res Inst	4,680	0	0	66	0	0	0	4,424	0	0	190	0
56 Medical Biology Institute	4,405	0	0	0	0	0	0	4,405	0	0	0	0
57 Southwest Educ Dev Lab	4,307	0	0	0	4,307	0	0	0	0	0	0	0
58 Natl Bureau Econ Rsch Inc	4,285	0	0	0	0	0	0	1,621	0	0	2,584	80
59 St Luke's Inst for Health	4,167	0	0	0	0	0	0	4,167	0	0	0	0
60 Orion Medical Science	4,029	0	0	0	0	0	0	4,029	0	0	0	0
Total 1st 60 institutions	1,368,003	5,095	5,606	439,696	10,034	275,344	21,222	485,209	108	49,877	73,006	2,806
61 EK Shriver Ctr Ment Ret	3,986	0	0	0	0	178	0	3,744	0	0	64	0
62 JFK Inst Handicapped	3,939	0	0	0	0	0	0	3,939	0	0	0	0
63 Friends of Psychiatr Res	3,869	0	0	0	0	0	0	3,869	0	0	0	0
64 Boston Biomed Res Inst	3,854	0	0	0	0	0	0	3,729	0	0	125	0
65 Eye & Ear Inst Pittsburgh	3,788	0	0	0	0	0	0	3,788	0	0	0	0
66 Syracuse Research Corp	3,744	0	0	790	0	0	2,832	0	0	49	73	0
67 Urban Institute	3,730	0	0	0	0	0	377	2,093	0	0	131	1,129
68 MD Medical Rsch Inst	3,620	0	0	0	0	0	0	3,620	0	0	0	0
69 Corp Natl Rsch Initiative	3,495	0	0	0	0	0	0	0	0	0	3,495	0
70 Res for Better Schs Inc	3,412	0	0	0	3,412	0	0	0	0	0	0	0
Total 1st 70 institutions	1,405,440	5,095	5,606	440,486	13,446	275,522	24,431	509,991	108	49,926	76,894	3,935
71 Monell Chem Senses Cntr	3,400	95	0	0	0	0	0	3,086	0	0	219	0
72 Oregon Social Learng Ctr	3,383	0	0	0	0	0	0	3,383	0	0	0	0
73 Lovelace Fdn for Med Ed	3,344	0	0	0	0	197	100	2,963	0	84	0	0
74 Am Inst of Aeron & Astron	3,279	0	0	15	0	0	0	0	0	3,264	0	0
75 Amer Institutes for Res	3,262	0	0	148	455	0	0	2,490	0	0	169	0
76 Human Ecolog Inst	3,220	0	0	0	0	0	0	3,220	0	0	0	0
77 Pacific Inst for Res	3,198	0	0	0	0	0	0	3,198	0	0	0	0
78 Haskins Laboratories Inc	3,142	0	0	0	0	0	0	3,017	0	0	125	0
79 Midcontinent Reg Educ Lab	3,099	0	0	0	3,099	0	0	0	0	0	0	0
80 W Alton Jones Cell Sc Ctr	3,022	0	0	0	0	0	0	3,022	0	0	0	0
Total 1st 80 institutions	1,437,789	5,190	5,606	440,649	17,000	75,719	24,531	534,370	108	53,274	77,407	3,935
81 Kuakini Med Rsch Inst	3,018	0	0	0	0	0	0	3,018	0	0	0	0
82 Smith Kttwll Eye Rsch	3,009	0	0	0	0	0	0	3,009	0	0	0	0
83 Franklin Inst	2,968	0	0	0	226	344	0	0	0	0	2,398	0
84 NW Regional Ed Lab	2,876	0	0	0	2,876	0	0	0	0	0	0	0
85 Nat Opinion Research Ctr	2,840	0	0	0	0	0	0	1,156	0	0	1,684	0
86 Koba Institute	2,791	0	0	0	0	0	0	2,791	0	0	0	0
87 Ctr Molecular Med&Imm	2,717	0	0	0	0	0	0	2,717	0	0	0	0
88 E Roosevelt Inst Cancer	2,704	0	0	0	0	251	0	2,453	0	0	0	0
89 Pacific Inst Rsch&Eval	2,657	0	0	0	0	0	0	2,657	0	0	0	0
90 Empire St Elec Enrgy Rsch	2,600	0	0	0	0	2,600	0	0	0	0	0	0
Total 1st 90 institutions	1,465,969	5,190	5,606	440,649	20,102	278,914	24,531	552,171	108	53,274	81,489	3,935
91 Estelle Doheny Eye Fdn	2,545	0	0	0	0	0	0	2,545	0	0	0	0
92 Appalachia Educ Lab	2,505	0	0	0	2,505	0	0	0	0	0	0	0
93 Children's Hosp Natl Med	2,485	0	0	0	0	0	0	2,485	0	0	0	0
94 Scientific Analysis Corp	2,322	0	0	0	0	0	0	2,322	0	0	0	0
95 Education Development Ctr	2,298	0	0	0	0	0	0	676	0	0	1,622	0
96 Palo Alto Med Res Found	2,003	205	0	0	0	0	0	1,798	0	0	0	0
97 Nat'l Disease Rsch In	1,957	0	0	0	0	0	0	1,957	0	0	0	0
98 VA Mason Fdn Med Ed&Rsch	1,935	0	0	0	0	0	0	1,935	0	0	0	0
99 Seattle Research Center	1,895	0	0	0	0	0	0	1,895	0	0	0	0
100 Corielli Inst for Med Rsch	1,846	0	0	0	0	0	0	1,846	0	0	0	0
Total 1st 100 institutions	1,487,760	5,395	5,606	440,649	22,607	278,914	24,531	569,630	108	53,274	83,111	3,935

See explanatory information, if any, and SOURCE at end of table.

Table B-20. Federal obligations to research institutes for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
101 Med Rsch Fdn Buffalo	1,835	0	0	0	0	0	0	1,717	0	0	118	0
102 Allegheny Singer Rsch	1,761	0	0	0	0	0	0	1,761	0	0	0	0
103 Cal Inst of Bio Rsrch	1,693	100	0	0	0	279	0	1,314	0	0	0	0
104 Cal Pub Hlth Foundation	1,667	0	0	0	0	341	0	1,254	0	0	72	0
105 B Thompson Inst Plant Res	1,664	892	0	0	0	0	0	165	0	0	607	0
106 Lankenau Med Rsch Center	1,603	0	0	0	0	0	0	1,603	0	0	0	0
107 Frontier Sci & Tech R	1,588	0	0	0	0	0	0	1,588	0	0	0	0
108 NE Radio Observatory Ctr	1,540	0	0	0	0	0	0	0	0	0	1,540	0
109 Gulf Coast Rsch Lab	1,456	817	118	83	0	0	426	0	0	12	0	0
110 Medlantic Health Care	1,454	0	0	0	0	0	0	1,454	0	0	0	0
Total 1st 110 institutions	1,504,021	7,204	5,724	440,732	22,607	279,534	24,957	580,486	108	53,286	85,448	3,935
111 N E Rsch Fdn	1,451	0	12	136	0	0	128	0	0	380	795	0
112 North Charles Mental Hlth	1,359	0	0	0	0	0	0	1,359	0	0	0	0
113 Marshfield Med Rsch Fdn	1,320	0	0	0	0	0	0	1,320	0	0	0	0
114 Trudeau Institute Inc	1,287	0	0	0	0	0	0	1,287	0	0	0	0
115 Inst for Technology Dev	1,280	0	0	0	0	0	0	0	0	1,280	0	0
116 Am Inst of Biological Sci	1,220	3	0	85	0	91	0	0	0	1,041	0	0
117 Agouron Institute	1,212	0	0	100	0	0	0	1,002	0	0	110	0
118 Minneapolis Med Res Fdn	1,188	0	0	0	0	0	0	1,188	0	0	0	0
119 Carib Marine Rsch Ctr	1,162	0	1,162	0	0	0	0	0	0	0	0	0
120 Human Serv Rsch Inst	1,066	0	0	0	0	0	0	1,066	0	0	0	0
Total 1st 120 institutions	1,516,566	7,207	6,898	441,053	22,607	279,625	25,085	587,708	108	55,987	86,353	3,935
121 Natl Biomedical Res Fdn	1,015	0	0	0	0	0	0	1,015	0	0	0	0
122 Rehab Inst of Chicago	974	0	0	0	0	0	0	904	0	0	70	0
123 Mallory Pathology Assoc	905	0	0	0	0	0	0	905	0	0	0	0
124 Ctr Adv Study Behav Sci	900	0	0	0	0	0	0	0	0	0	900	0
125 EEG Systems Lab	883	0	0	0	0	0	0	883	0	0	0	0
126 Weis Center for Research	870	0	0	0	0	0	0	870	0	0	0	0
127 Lajolla Institute	858	0	0	0	0	0	0	858	0	0	0	0
128 Biomembrane Institute	852	0	0	0	0	0	0	852	0	0	0	0
129 Resources for Future inc	848	25	0	0	0	0	723	0	0	100	0	0
130 Health Research Inc.	792	0	0	287	0	0	130	0	0	0	375	0
Total 1st 130 institutions	1,525,463	7,232	6,898	441,340	22,607	279,625	25,938	593,995	108	56,087	87,698	3,935
131 Houston Area Research Ctr	787	0	0	787	0	0	0	0	0	0	0	0
132 James N Gamble Inst Med	785	0	0	31	0	0	0	754	0	0	0	0
133 Cong Policy Rsch Ctr	775	0	0	0	0	775	0	0	0	0	0	0
134 Woods Hole Research C	742	0	0	0	0	212	530	0	0	0	0	0
135 Skidaway Inst of Ocean	704	0	0	205	0	499	0	0	0	0	0	0
136 Santa Fe Institute	671	0	0	27	0	320	0	0	0	0	324	0
137 Natl Conf St Legis Ldrs	663	0	0	0	0	0	663	0	0	0	0	0
138 Pacific Hlth Rsch Inst	659	0	0	0	0	0	0	659	0	0	0	0
139 Rockwell Intl Science Ctr	636	0	0	0	0	116	0	0	0	520	0	0
140 Pacific Northwest Res Fdn	625	0	0	0	0	0	0	625	0	0	0	0
Total 1st 140 institutions	1,532,510	7,232	6,898	442,390	22,607	281,547	27,131	596,033	108	56,607	88,022	3,935
141 Tampa Bay Rsch Inst Tech	621	0	0	0	0	0	0	621	0	0	0	0
142 Florida Solar Energy Ctr	615	0	0	0	0	615	0	0	0	0	0	0
143 Indianapls Ctr Adv Rsch	610	0	0	0	0	0	0	0	0	610	0	0
144 Natl Public Srvc Rsch Ins	609	0	0	0	0	0	0	600	0	0	0	9
145 New Jersey Marine Sci Con	604	0	604	0	0	0	0	0	0	0	0	0
146 Huntington Med Rsch Insts	585	0	0	0	0	0	0	585	0	0	0	0
147 Inst for Biogerontology	569	0	0	0	0	0	0	569	0	0	0	0
148 East Bay Inst-Rsch & Educ	562	0	0	0	0	0	0	562	0	0	0	0
149 Factory Mutual Research	550	0	155	0	0	395	0	0	0	0	0	0
150 Manpower Demo Rsch Corp	550	0	0	0	0	0	0	0	0	0	0	550
Total 1st 150 institutions	1,538,385	7,232	7,657	442,390	22,607	282,557	27,131	598,970	108	57,217	88,022	4,494

See explanatory information, if any, and SOURCE at end of table.

Table B-20. Federal obligations to research institutes for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
151 Inst Medical Research	508	0	0	0	0	0	0	508	0	0	0	0
152 Lowell Observatory	503	0	0	0	0	0	0	0	0	402	101	0
153 Inst Aerobics Research	500	0	0	0	0	0	0	500	0	0	0	0
154 Berkshire Med Ctr	500	0	0	0	0	0	0	500	0	0	0	0
155 Educ Comm/States	498	0	0	0	0	0	0	0	0	0	498	0
156 Salt Lake Clinic Res Fnd	441	0	0	0	0	0	0	441	0	0	0	0
157 Research and Educ Inst	439	0	0	0	0	0	0	439	0	0	0	0
158 SETI Institute	432	0	0	0	0	0	0	0	0	0	432	0
159 Masonic Medical Rsch Lab	426	0	0	0	0	0	0	426	0	0	0	0
160 Inst for Hormone Research	422	0	0	0	0	0	0	422	0	0	0	0
Total 1st 160 institutions	1,543,054	7,232	7,657	442,390	22,607	282,557	27,131	602,206	108	57,619	89,053	4,494
161 Policy Center	406	0	0	0	0	0	0	406	0	0	0	0
162 House Ear Institute	405	0	0	0	0	0	0	405	0	0	0	0
163 Theobald Smith Rsch Inst	400	0	0	0	0	0	0	400	0	0	0	0
164 La Jolla Inst Allerg/Imm	367	0	0	0	0	0	0	367	0	0	0	0
165 Hereditary Disease Fnd	354	0	0	0	0	0	0	354	0	0	0	0
166 Amer Geological Inst	353	0	0	0	0	0	0	0	100	0	253	0
167 Industrial Tech Institute	351	0	30	312	0	0	0	0	0	0	0	9
168 Actis Inc.	347	0	347	0	0	0	0	0	0	0	0	0
169 Molecular Research Inst	339	0	0	0	0	0	0	249	0	0	90	0
170 Educ & Technology Foundat	335	0	0	0	335	0	0	0	0	0	0	0
Total 1st 170 institutions	1,546,711	7,232	8,034	442,702	22,942	282,557	27,131	604,387	208	57,619	89,396	4,503
171 Eye Research Institute	333	0	0	0	0	333	0	0	0	0	0	0
172 Kennedy Res Inst Inc	332	0	0	0	0	0	0	332	0	0	0	0
173 Cncl Exceptnl Childrn	325	0	0	0	325	0	0	0	0	0	0	0
174 Maine Geological Survey	318	0	0	0	0	0	0	0	0	0	318	0
175 Astrophysical Rsch Cons	317	0	0	317	0	0	0	0	0	0	0	0
176 Missouri Lions Eye Rch Fd	314	0	0	0	0	0	0	314	0	0	0	0
177 Brookings Institution	310	0	0	0	0	0	220	0	0	0	90	0
178 Mt Desert Island Biol Lab	309	0	0	0	0	0	0	271	0	0	38	0
179 Ctr for Applied Linguist	307	0	0	0	307	0	0	0	0	0	0	0
180 Human Resources Center	300	0	0	0	0	0	0	0	0	0	0	300
Total 1st 180 institutions	1,549,876	7,232	8,034	443,019	23,574	282,890	27,351	605,304	208	57,619	89,842	4,803
181 Polymer Processing Inst	299	0	0	0	0	299	0	0	0	0	0	0
182 La Jolla Clinic Rsch Fdn	295	0	0	0	0	0	0	295	0	0	0	0
183 AMB Sentinel Pract Ntwk	288	0	0	0	0	0	0	288	0	0	0	0
184 Carnegie Inst of Pitts	284	0	0	0	0	0	0	0	0	0	284	0
185 Miami Heart Institute	280	0	0	0	0	0	0	280	0	0	0	0
186 Inst of Human Origins	277	0	0	0	0	0	0	0	0	0	277	0
187 Public Health Fdn - LA	276	0	0	0	0	0	0	276	0	0	0	0
188 Aaron Diamond Aids Rsch	270	0	0	0	0	0	0	270	0	0	0	0
189 New England Fish Dev Fdn	255	0	255	0	0	0	0	0	0	0	0	0
190 Fdn Blood Research	246	0	0	0	0	0	0	246	0	0	0	0
Total 1st 190 institutions	1,552,646	7,232	8,289	443,019	23,574	283,189	27,351	606,959	208	57,619	90,403	4,803
191 Search Institute	246	0	0	0	0	0	0	246	0	0	0	0
192 Columbus Cmty Clnc Oncol	242	0	0	0	0	0	0	242	0	0	0	0
193 Boston Mental Hlth Fdn	233	0	0	0	0	0	0	233	0	0	0	0
194 Rcky Mtn Biol Lab	227	0	0	0	0	0	0	0	0	0	227	0
195 Intl Computer Sci Inst	220	0	0	0	0	0	0	0	0	0	220	0
196 McLaughlin Rsch Inst Bio	214	0	0	0	0	0	0	214	0	0	0	0
197 Buffalo Soc of Nat Sci	210	0	0	0	0	0	0	0	0	0	210	0
198 Hipple Cncr Rsch Ctr	208	0	0	0	0	0	0	208	0	0	0	0
199 Col-Univ Rsrce Inst Inc	207	0	0	0	0	0	0	0	0	0	207	0
200 Rancho Santa Ana Bot Gdns	198	0	0	0	0	0	0	0	0	0	198	0
Total 1st 200 institutions	1,554,851	7,232	8,289	443,019	23,574	283,189	27,351	608,102	208	57,619	91,465	4,803

See explanatory information, if any, and SOURCE at end of table.

Table B-20. Federal obligations to research institutes for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
201 La Jolla Inst of Exp Med	197	0	0	0	0	0	0	197	0	0	0	0
202 Torrey Pines Inst Mol Std	191	0	0	0	0	0	0	0	0	0	191	0
203 Philadelphia Psychiatric	190	0	0	0	0	0	0	190	0	0	0	0
204 Carnegie Inst (Balto, MD)	188	0	0	0	0	0	0	0	188	0	0	0
205 Transnational Family Rsch	180	0	0	0	0	0	0	180	0	0	0	0
206 Inst Applied Physiol	179	0	0	0	0	0	0	179	0	0	0	0
207 Archbold Biological Stat	171	0	0	0	0	0	0	0	0	0	171	0
208 Earthquake Eng Rsch Inst	169	0	0	0	0	0	0	0	0	0	169	0
209 Public Technology, Inc	168	0	0	0	0	0	168	0	0	0	0	0
210 Hosp Res & Ed Trust	167	0	0	0	0	0	0	167	0	0	0	0
Total 1st 210 institutions	1,556,651	7,232	8,289	443,019	23,574	283,189	27,519	609,015	396	57,619	91,996	4,803
211 Inst Rsch on Socl Prob	165	0	0	0	0	0	0	165	0	0	0	0
212 Deborah Heart & Lung	164	0	0	0	0	0	0	164	0	0	0	0
213 Alaska Fishery Dev Fdn	159	0	159	0	0	0	0	0	0	0	0	0
214 Mote Marine Laboratory	157	0	135	22	0	0	0	0	0	0	0	0
215 Point Reyes Bird Observ	153	0	0	0	0	0	0	0	0	0	153	0
216 Michigan Molecular Inst	150	0	0	100	0	0	0	0	0	0	50	0
217 Corp Adv Policy Eval	150	0	0	0	0	0	0	0	0	0	0	150
218 Sierra Biomed Rsch Co	149	0	0	0	0	0	0	149	0	0	0	0
219 Primak Educat Foundation	144	0	0	0	144	0	0	0	0	0	0	0
220 Gorgas Mem Inst Trpcl Med	143	0	0	143	0	0	0	0	0	0	0	0
Total 1st 220 institutions	1,558,185	7,232	8,583	443,284	23,718	283,189	27,519	609,493	396	57,619	92,199	4,953
221 Central NY Rsch Corp	141	0	0	0	0	0	0	141	0	0	0	0
222 Yale Southern Observa,Inc	141	0	0	0	0	0	0	0	0	0	141	0
223 Transnatl Fmly Res Inst	138	0	0	0	0	0	0	138	0	0	0	0
224 Southern Calif Res Inst	136	0	0	0	0	0	0	136	0	0	0	0
225 Southwest Biomed Research	135	0	0	0	0	0	0	135	0	0	0	0
226 Coord Research Council	134	0	0	134	0	0	0	0	0	0	0	0
227 Edison Welding Institute	131	0	0	131	0	0	0	0	0	0	0	0
228 Tall Timbers Rsch Inc	126	126	0	0	0	0	0	0	0	0	0	0
229 Sugar Process Rsch Inst	123	123	0	0	0	0	0	0	0	0	0	0
230 Inst for Rsch on Learning	123	0	0	0	0	0	0	0	0	0	123	0
Total 1st 230 institutions	1,559,513	7,481	8,583	443,549	23,718	283,189	27,519	610,043	396	57,619	92,463	4,953
231 Rsch Fdn Mntl Hygiene Inc	123	0	0	52	0	0	0	0	0	0	71	0
232 United States Conf Mayors	120	0	0	0	0	0	120	0	0	0	0	0
233 Savannah Rvr Ecology Lab	118	0	0	0	0	118	0	0	0	0	0	0
234 Nature Conservancy	117	0	0	0	0	0	65	0	52	0	0	0
235 Systems for Envir Mgt	111	111	0	0	0	0	0	0	0	0	0	0
236 SW Reg Lab for Ed R&D	108	0	0	0	0	0	0	108	0	0	0	0
237 Sport Fishing Institute	100	0	100	0	0	0	0	0	0	0	0	0
238 Human Resources Res Org	100	0	0	100	0	0	0	0	0	0	0	0
239 D Guthrie Fdn Med Res	100	0	0	0	0	0	0	100	0	0	0	0
240 Gulf Shrimp Rch & Dev Fdn	95	0	95	0	0	0	0	0	0	0	0	0
Total 1st 240 institutions	1,560,605	7,592	8,778	443,701	23,718	283,307	27,704	610,251	448	57,619	92,534	4,953
241 Interstudy	94	0	0	0	0	0	0	94	0	0	0	0
242 Harrngton Arthr Rsch Ctr	93	0	0	0	0	0	0	93	0	0	0	0
243 Dolphus E Mlign Sci Rsch	93	0	0	0	0	0	0	93	0	0	0	0
244 Ctr for Amer Archaeology	93	0	0	0	0	0	0	0	0	0	93	0
245 Society Indstrl App M	91	0	0	41	0	50	0	0	0	0	0	0
246 Vermont Alcoholism Rsch	90	0	0	0	0	0	0	90	0	0	0	0
247 Utah Research Institute	85	0	0	0	0	85	0	0	0	0	0	0
248 Mgt Sci for Health	84	0	0	0	0	0	0	84	0	0	0	0
249 Soc of Nuclear Medicine	84	0	0	0	0	84	0	0	0	0	0	0
250 Hektoen Inst for Med Res	80	0	0	0	0	0	0	80	0	0	0	0
Total 1st 250 institutions	1,561,492	7,592	8,778	443,742	23,718	283,526	27,704	610,785	448	57,619	92,627	4,953

See explanatory information, if any, and SOURCE at end of table.

Table B-20. Federal obligations to research institutes for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
251 Ctr for Microelectronics	75	0	0	0	0	0	0	0	0	0	75	0
252 Linus Pauling Institute	73	0	0	0	0	73	0	0	0	0	0	0
253 Cancer Res Center	73	0	0	0	0	0	0	73	0	0	0	0
254 Bacra, Inc.	72	0	0	0	0	0	0	72	0	0	0	0
255 Center for Health Studies	72	0	0	0	0	0	0	72	0	0	0	0
256 Natl Ctr for Health Educ	72	0	0	0	72	0	0	0	0	0	0	0
257 Hubbs Sea World Res Instt	69	0	69	0	0	0	0	0	0	0	0	0
258 Center for Marine Conserv	65	0	0	0	0	0	65	0	0	0	0	0
259 Computer Aided Manufactur	64	0	64	0	0	0	0	0	0	0	0	0
260 Integrated Rsch Services	63	0	0	0	0	0	0	63	0	0	0	0
Total 1st 260 institutions	1,562,190	7,592	8,911	443,742	23,790	283,599	27,789	611,065	448	57,619	92,702	4,953
261 Assoc for Symbolic Logic	63	0	0	0	0	0	0	0	0	0	63	0
262 Neuropsychiatric Inst	60	0	0	0	0	0	0	60	0	0	0	0
263 Reid Foundation	58	0	0	0	58	0	0	0	0	0	0	0
264 Am Col Nuclear Physicists	55	0	0	0	0	55	0	0	0	0	0	0
265 Deskin Research Group	55	0	0	0	0	55	0	0	0	0	0	0
266 Inst for Scient Rsch Inc	53	0	0	0	0	0	0	0	0	0	53	0
267 Agricult Research Inst	50	0	0	0	0	0	50	0	0	0	0	0
268 Amer Med Review Rsch Ctr	50	0	0	0	0	0	0	50	0	0	0	0
269 Inst Women Policy Rsch	50	0	0	0	0	0	0	0	0	0	0	50
270 Science Learning Inc	50	0	0	0	0	0	0	0	0	0	50	0
Total 1st 270 institutions	1,562,734	7,592	8,911	443,742	23,848	283,709	27,819	611,175	448	57,619	92,868	5,003
271 Monterey Inst Res Astron	40	0	0	40	0	0	0	0	0	0	0	0
272 WE Upjohn Inst Empl Rsch	39	0	39	0	0	0	0	0	0	0	0	0
273 Aspen Center for Physics	37	0	0	0	0	6	0	0	0	31	0	0
274 Maria Mitchell Observ	35	0	0	0	0	0	0	0	0	0	35	0
275 Amer Registry Pathology	33	0	0	33	0	0	0	0	0	0	0	0
276 ALS Neuro Res Fdn	27	0	0	0	0	0	0	27	0	0	0	0
277 Inst for Clinical P.E.T.	25	0	0	0	0	25	0	0	0	0	0	0
278 Hudson Inst	25	0	0	0	0	0	0	25	0	0	0	0
279 Montry Bay Aquar Rsch Ins	21	0	0	21	0	0	0	0	0	0	0	0
280 Combustion Institute	20	0	0	0	0	0	0	0	0	20	0	0
Total 1st 280 institutions	1,563,036	7,592	8,950	443,836	23,848	283,740	27,819	611,227	448	57,650	92,903	5,003
281 Palisades Inst Rsch Svcs	16	0	0	16	0	0	0	0	0	0	0	0
282 Oregon Adv Computing Inst	10	0	0	10	0	0	0	0	0	0	0	0
283 Conservation Fdn	7	0	0	0	0	0	7	0	0	0	0	0
284 Ctr Stratgc Int'l Studies	7	0	7	0	0	0	0	0	0	0	0	0
285 Joint Ctr Politcl Studies	6	0	0	0	0	0	0	6	0	0	0	0
286 Seattle Biomed Rsch Inst	4	0	0	0	0	0	0	0	0	0	4	0
287 Working Women Edu Fund	2	0	0	0	0	0	0	0	0	0	0	2
288 Mass PIRG Education Fund	1	0	0	0	0	0	0	0	0	0	0	1
Total 1st 288 institutions	1,563,089	7,592	8,957	443,862	23,848	283,740	27,826	611,233	448	57,670	92,907	5,008

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

NOTE: The appearance of negative numbers is a result of deobligations; see "Definitions" in Technical Notes.

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-21. Federal obligations to voluntary hospitals for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total, all institutions	579,270	523	0	2,505	0	11,726	645	561,160	0	946	1,765	0
1 Mass General Hospital	81,498	405	0	294	0	680	50	79,937	0	0	132	0
2 Brigham and Women's Hosp	79,509	0	0	0	0	0	535	78,794	0	100	80	0
3 Scripps Clinic & Res Fdn	55,798	118	0	1,071	0	180	0	53,594	0	291	544	0
4 Dana-Farber Cancer Inst	43,222	0	0	0	0	0	0	43,222	0	0	0	0
5 Children's Hospital	28,355	0	0	0	0	0	0	28,210	0	145	0	0
6 N Eng Med Ctr & Hospitals	21,423	0	0	146	0	644	0	20,633	0	0	0	0
7 Beth Israel Hospital(NJ)	15,477	0	0	0	0	0	0	15,477	0	0	0	0
8 St Jude Child Rsch Hosp	13,796	0	0	60	0	0	0	13,736	0	0	0	0
9 Cleveland Clinic Fdn	13,087	0	0	0	0	0	0	12,880	0	0	207	0
10 Child Hosp of Phila	12,782	0	0	0	0	0	0	12,782	0	0	0	0
Total 1st 10 institutions	364,947	523	0	1,571	0	1,504	585	359,265	0	536	963	0
11 Jewish Hosp of St Louis	12,553	0	0	0	0	0	0	12,553	0	0	0	0
12 Child Hosp of Pittsburgh	11,826	0	0	0	0	7,962	0	3,864	0	0	0	0
13 Montefiore Hosp & Med Ctr	10,698	0	0	0	0	0	0	10,551	0	0	147	0
14 Mclean Hospital	10,324	0	0	0	0	0	0	10,112	0	0	212	0
15 N Eng Deaconess Hospital	9,363	0	0	326	0	0	0	8,937	0	100	0	0
16 Rush Prsbytrn/St Lks	9,196	0	0	38	0	0	0	9,063	0	0	95	0
17 Child Hosp of Los Angeles	8,921	0	0	140	0	0	0	8,781	0	0	0	0
18 University Hospital	7,590	0	0	0	0	0	0	7,590	0	0	0	0
19 Child Hosp Med Ctr Cincin	7,059	0	0	0	0	0	60	6,999	0	0	0	0
20 Mass Eye & Ear Infirmary	6,490	0	0	0	0	0	0	6,445	0	45	0	0
Total 1st 20 institutions	458,967	523	0	2,075	0	9,466	645	444,160	0	681	1,417	0
21 Cedars-Sinai Med Ctr	4,977	0	0	0	0	0	0	4,977	0	0	0	0
22 Scripps Memorial Hospital	4,839	0	0	0	0	0	0	4,839	0	0	0	0
23 North Shore Univ Hosp	4,474	0	0	0	0	0	0	4,474	0	0	0	0
24 Good Samaritan Hosp&Med C	4,014	0	0	0	0	0	0	3,757	0	138	119	0
25 Rhode Island Hospital	4,009	0	0	0	0	129	0	3,815	0	0	65	0
26 Long Isl Jewish Hillside	3,686	0	0	0	0	0	0	3,686	0	0	0	0
27 City of Hope Medical Ctr	3,631	0	0	80	0	0	0	3,551	0	0	0	0
28 Roger Williams Gen Hosp	3,165	0	0	0	0	0	0	3,165	0	0	0	0
29 Hosp for Special Surgery	3,129	0	0	0	0	0	0	3,129	0	0	0	0
30 Child Orthopedic Hospital	3,019	0	0	0	0	0	0	3,019	0	0	0	0
Total 1st 30 institutions	497,910	523	0	2,155	0	9,595	645	482,572	0	819	1,601	0
31 St Luke's-Roosevelt Hosp	2,883	0	0	0	0	0	0	2,818	0	0	65	0
32 Women & Infants Hosp	2,787	0	0	0	0	0	0	2,787	0	0	0	0
33 Beth Israel Hospital	2,766	0	0	0	0	0	0	2,711	0	55	0	0
34 Presbyterian Hosp In NY	2,596	0	0	0	0	0	0	2,596	0	0	0	0
35 Philadelphia Geriatrc Ctr	2,588	0	0	0	0	0	0	2,588	0	0	0	0
36 Child Memorial Hospital	2,489	0	0	0	0	0	0	2,489	0	0	0	0
37 Miriam Hospital	2,470	0	0	0	0	0	0	2,398	0	72	0	0
38 St Joseph's Hosp&Med Ctr	2,230	0	0	0	0	0	0	2,131	0	0	99	0
39 Hebrew Rehab Center	2,229	0	0	0	0	0	0	2,229	0	0	0	0
40 Child Hosp&Med Ctr N Cal	2,128	0	0	0	0	0	0	2,128	0	0	0	0
Total 1st 40 institutions	523,076	523	0	2,155	0	9,595	645	507,447	0	946	1,765	0
41 Child Hosp of Columbus	2,102	0	0	0	0	0	0	2,102	0	0	0	0
42 Misericordia Hospital	2,088	0	0	0	0	2,088	0	0	0	0	0	0
43 St Elizabeth's Hospital	2,066	0	0	0	0	0	0	2,066	0	0	0	0
44 Memorial Hosp-Pawtucket	2,025	0	0	0	0	0	0	2,025	0	0	0	0
45 Mary Imogene Basset Hosp	1,908	0	0	0	0	0	0	1,908	0	0	0	0
46 Bronx-Lebanon Hospital Ct	1,672	0	0	0	0	0	0	1,672	0	0	0	0
47 Montefiore Hospital	1,418	0	0	0	0	0	0	1,418	0	0	0	0
48 Graduate Hosp	1,385	0	0	0	0	0	0	1,385	0	0	0	0
49 University Hosps-Clevelnd	1,322	0	0	0	0	0	0	1,322	0	0	0	0
50 Beth Israel Medical Ctr	1,248	0	0	0	0	0	0	1,248	0	0	0	0
Total 1st 50 institutions	540,310	523	0	2,155	0	11,683	645	522,593	0	946	1,765	0

See explanatory information, if any, and SOURCE at end of table.

Table B-21. Federal obligations to voluntary hospitals for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
51 Mt Sinai Medical Ctr Inc	986	0	0	0	0	0	0	986	0	0	0	0
52 Prsbytn Univ Penn Med Ctr	943	0	0	0	0	0	0	943	0	0	0	0
53 Magee Women's Hosp	932	0	0	0	0	0	0	932	0	0	0	0
54 Pennsylvania Hospital	851	0	0	0	0	0	0	851	0	0	0	0
55 Evanston Hospital	826	0	0	0	0	0	0	826	0	0	0	0
56 Hosp Joint Disease Ortho	820	0	0	0	0	0	0	820	0	0	0	0
57 Medical Center Delaware	761	0	0	0	0	0	0	761	0	0	0	0
58 Arkansas Childrens Hospit	760	0	0	0	0	0	0	760	0	0	0	0
59 Henry Ford Hospital	745	0	0	0	0	0	0	745	0	0	0	0
60 Amer Cancer Rsch Ctr Hosp	696	0	0	0	0	0	0	696	0	0	0	0
Total 1st 60 institutions	548,630	523	0	2,155	0	11,683	645	530,913	0	946	1,765	0
61 Northwestern Mem Hospital	670	0	0	0	0	0	0	670	0	0	0	0
62 William Beaumont Hospital	655	0	0	0	0	0	0	655	0	0	0	0
63 Burke Rehab Ctr	646	0	0	0	0	0	0	646	0	0	0	0
64 Children's Hosp-St Paul	640	0	0	0	0	0	0	640	0	0	0	0
65 Mt Sinai Hosp-Cleveland	640	0	0	0	0	0	0	640	0	0	0	0
66 Child Asthma Rsch Inst	599	0	0	0	0	0	0	599	0	0	0	0
67 St Joseph Hosp-Chicago	592	0	0	0	0	0	0	592	0	0	0	0
68 Mt Sinai Hosp Med Ctr Fla	578	0	0	0	0	0	0	578	0	0	0	0
69 Gessinger Medical Center	563	0	0	0	0	0	0	563	0	0	0	0
70 Child Hosp & Hlth Cntr	537	0	0	0	0	0	0	537	0	0	0	0
Total 1st 70 institutions	554,750	523	0	2,155	0	11,683	645	537,033	0	946	1,765	0
71 Providence Med Ctr-Prtlnd	492	0	0	0	0	0	0	492	0	0	0	0
72 John Muir Memorial Hosp	488	0	0	0	0	0	0	488	0	0	0	0
73 Memorial Hosp & Med Ctr	478	0	0	0	0	0	0	478	0	0	0	0
74 Swedish Hospital Med Ctr	462	0	0	0	0	0	0	462	0	0	0	0
75 St Francis Hosp & Med	459	0	0	0	0	0	0	459	0	0	0	0
76 Kapiolani Child Med Ctr	418	0	0	0	0	0	0	418	0	0	0	0
77 Boys Town Natl Rsch Hosp	416	0	0	0	0	0	0	416	0	0	0	0
78 Methodist Hosp of Indiana	413	0	0	0	0	0	0	413	0	0	0	0
79 Genesee Hospital	409	0	0	0	0	0	0	409	0	0	0	0
80 Scott and White Mem Hosp	395	0	0	0	0	0	0	395	0	0	0	0
Total 1st 80 institutions	559,180	523	0	2,155	0	11,683	645	541,463	0	946	1,765	0
81 Child Hosp of Michigan	375	0	0	0	0	0	0	375	0	0	0	0
82 Butler Hospital	370	0	0	0	0	0	0	370	0	0	0	0
83 Wills Eye Hospital	365	0	0	0	0	0	0	365	0	0	0	0
84 Sinai Hospital of Detroit	342	0	0	0	0	0	0	342	0	0	0	0
85 Brookdale Hospital Center	334	0	0	0	0	0	0	334	0	0	0	0
86 St Francis Hosp/Wichi	303	0	0	0	0	0	0	303	0	0	0	0
87 Johns Hopkins Hospital	275	0	0	275	0	0	0	0	0	0	0	0
88 Western PA Hospital	263	0	0	0	0	0	0	263	0	0	0	0
89 Parkside Lutheran Hosp	262	0	0	0	0	0	0	262	0	0	0	0
90 Touro Research Institute	260	0	0	0	0	0	0	260	0	0	0	0
Total 1st 90 institutions	562,329	523	0	2,430	0	11,683	645	544,337	0	946	1,765	0
91 Holy Infant Hosp	250	0	0	0	0	0	0	250	0	0	0	0
92 Penrose Hospital	234	0	0	0	0	0	0	234	0	0	0	0
93 Mchl Reese Hosp & Med Ctr	232	0	0	0	0	0	0	232	0	0	0	0
94 Blowing Rock Hospital	228	0	0	0	0	0	0	228	0	0	0	0
95 Carrier Clinic Fdn	226	0	0	0	0	0	0	226	0	0	0	0
96 Latter-Day Saints Hosp	216	0	0	0	0	0	0	216	0	0	0	0
97 St Luke's Hosp-Fargo	215	0	0	0	0	0	0	215	0	0	0	0
98 Maine Medical Center	210	0	0	0	0	0	0	210	0	0	0	0
99 Natl Hosp Ortho Rehab	203	0	0	0	0	0	0	203	0	0	0	0
100 Hamilton County Hospital	203	0	0	0	0	0	0	203	0	0	0	0
Total 1st 100 institutions	564,546	523	0	2,430	0	11,683	645	546,554	0	946	1,765	0

See explanatory information, if any, and SOURCE at end of table.

Table B-21. Federal obligations to voluntary hospitals for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
101 Devel Co Memorial Hosp	200	0	0	0	0	0	0	200	0	0	0	0
102 St Luke's Hosp Aberdeen	200	0	0	0	0	0	0	200	0	0	0	0
103 Blodgett Memorial Med Ctr	194	0	0	0	0	0	0	194	0	0	0	0
104 Methodist Hospital-Peoria	191	0	0	0	0	0	0	191	0	0	0	0
105 Baptist Med Ctr	187	0	0	0	0	0	0	187	0	0	0	0
106 Kettering Medical Center	182	0	0	0	0	0	0	182	0	0	0	0
107 Mt Zion Hosp & Med Ctr	181	0	0	0	0	0	0	181	0	0	0	0
108 St Joseph's Hosp-Atln	178	0	0	0	0	0	0	178	0	0	0	0
109 Halifax Hosp Med Ctr	178	0	0	0	0	0	0	178	0	0	0	0
110 Chowan Hospital	178	0	0	0	0	0	0	178	0	0	0	0
Total 1st 110 institutions	566,415	523	0	2,430	0	11,683	645	548,423	0	946	1,765	0
111 Spruce Pine Cmty Hosp	178	0	0	0	0	0	0	178	0	0	0	0
112 Florida Hospital	174	0	0	0	0	0	0	174	0	0	0	0
113 Lahey Clinic Fdn	171	0	0	0	0	0	0	171	0	0	0	0
114 Logan General Hospital	168	0	0	0	0	0	0	168	0	0	0	0
115 Davis Memorial Hospital	168	0	0	0	0	0	0	168	0	0	0	0
116 United Hospital Center	168	0	0	0	0	0	0	168	0	0	0	0
117 Redwood Memorial Hospital	167	0	0	0	0	0	0	167	0	0	0	0
118 St Vincent's Hosp&Med Ctr	166	0	0	0	0	0	0	166	0	0	0	0
119 Ingalls Mem Hospital	165	0	0	0	0	0	0	165	0	0	0	0
120 Lankenau Hospital	165	0	0	0	0	0	0	165	0	0	0	0
Total 1st 120 institutions	568,105	523	0	2,430	0	11,683	645	550,113	0	946	1,765	0
121 St Johns Mercy Med C	164	0	0	0	0	0	0	164	0	0	0	0
122 Fresno Cmty Hosp	162	0	0	0	0	0	0	162	0	0	0	0
123 Beverly Hospital	160	0	0	0	0	0	0	160	0	0	0	0
124 Carolinas Medical Center	150	0	0	0	0	0	0	150	0	0	0	0
125 Lester E. Cox Med C	148	0	0	0	0	0	0	148	0	0	0	0
126 St Vincent Med Ctr	148	0	0	0	0	0	0	148	0	0	0	0
127 Winthrop Univ Hosp	147	0	0	0	0	0	0	147	0	0	0	0
128 Merritt-Peralta Hospital	142	0	0	0	0	0	0	142	0	0	0	0
129 Butterworth Hospital	140	0	0	0	0	0	0	140	0	0	0	0
130 Moss Rehabilitation Hosp	139	0	0	0	0	0	0	139	0	0	0	0
Total 1st 130 institutions	569,605	523	0	2,430	0	11,683	645	551,613	0	946	1,765	0
131 Good Samaritan Med Ctr	133	0	0	0	0	0	0	133	0	0	0	0
132 St Joseph Hosp, Houston	130	0	0	0	0	0	0	130	0	0	0	0
133 Faulkner Hospital	129	0	0	0	0	0	0	129	0	0	0	0
134 Albert Einstein Med Ctr	129	0	0	0	0	0	0	129	0	0	0	0
135 St. Joseph Hospital	128	0	0	0	0	0	0	128	0	0	0	0
136 Methodist Hosp of Bkl	123	0	0	0	0	0	0	123	0	0	0	0
137 Child Hosp-Palo Alto	123	0	0	0	0	0	0	123	0	0	0	0
138 Borgess Med Center	118	0	0	0	0	0	0	118	0	0	0	0
139 St Francis Hosp	117	0	0	0	0	0	0	117	0	0	0	0
140 Inter-Faith Med Ctr	114	0	0	0	0	0	0	114	0	0	0	0
Total 1st 140 institutions	570,849	523	0	2,430	0	11,683	645	552,857	0	946	1,765	0
141 Decatur Mem Hospital	114	0	0	0	0	0	0	114	0	0	0	0
142 St. Luke's Hosp Milwaukee	111	0	0	0	0	0	0	111	0	0	0	0
143 Cedars Medical Center	111	0	0	0	0	0	0	111	0	0	0	0
144 Rutland Regional Med Ctr	107	0	0	0	0	0	0	107	0	0	0	0
145 Hackensack Hosp	106	0	0	0	0	0	0	106	0	0	0	0
146 Robert Packer Hospital	104	0	0	0	0	0	0	104	0	0	0	0
147 Union Memorial Hospital	102	0	0	0	0	0	0	102	0	0	0	0
148 Mercy Hospital & Med Ctr	101	0	0	0	0	0	0	101	0	0	0	0
149 Children's Mercy Hosp	100	0	0	0	0	0	0	100	0	0	0	0
150 Washington Hosp Ctr	99	0	0	0	0	0	0	99	0	0	0	0
Total 1st 150 institutions	571,904	523	0	2,430	0	11,683	645	553,912	0	946	1,765	0

See explanatory information, if any, and SOURCE at end of table.

Table B-21. Federal obligations to voluntary hospitals for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
151 Manhattan Eye/Ear/Throat	98	0	0	0	0	0	0	98	0	0	0	0
152 Maimonides Medical Center	90	0	0	0	0	0	0	90	0	0	0	0
153 Comm Hosp Indianapolis	88	0	0	0	0	0	0	88	0	0	0	0
154 Mountain View Dstrct Hosp	85	0	0	0	0	0	0	85	0	0	0	0
155 Ottawa County Hospital	83	0	0	0	0	0	0	83	0	0	0	0
156 Cabrini Medical Center	81	0	0	0	0	0	0	81	0	0	0	0
157 Santa Rosa Med Ctr	80	0	0	0	0	0	0	80	0	0	0	0
158 Mercy Hosp & M C-S Diego	75	0	0	75	0	0	0	0	0	0	0	0
159 Bay State Medical Center	73	0	0	0	0	0	0	73	0	0	0	0
160 Highland Hosp-Rochester	71	0	0	0	0	0	0	71	0	0	0	0
Total 1st 160 institutions	572,728	523	0	2,505	0	11,683	645	554,661	0	946	1,765	0
161 Sutter Cmty Hosps-Scm	70	0	0	0	0	0	0	70	0	0	0	0
162 Hartford Hospital	68	0	0	0	0	0	0	68	0	0	0	0
163 St Josephs Hosp Stamford	67	0	0	0	0	0	0	67	0	0	0	0
164 Overlook Hospital	67	0	0	0	0	0	0	67	0	0	0	0
165 Sinai Hospital of Balto	66	0	0	0	0	0	0	66	0	0	0	0
166 Mercy Hosp/Scranton	62	0	0	0	0	0	0	62	0	0	0	0
167 Carle Foundation Hosp	59	0	0	0	0	0	0	59	0	0	0	0
168 Rapid City Regional Hosp	53	0	0	0	0	0	0	53	0	0	0	0
169 Broadus Hospital	50	0	0	0	0	0	0	50	0	0	0	0
170 Barnes-Kasson Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 170 institutions	573,340	523	0	2,505	0	11,683	645	555,273	0	946	1,765	0
171 McKenzie Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
172 St. Josephs Hosp-Dickinso	50	0	0	0	0	0	0	50	0	0	0	0
173 Defiance Hospital	50	0	0	0	0	0	0	50	0	0	0	0
174 Tri-State Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
175 Eagle Lake Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
176 Montgomery Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
177 Alleganey Co Mem H	50	0	0	0	0	0	0	50	0	0	0	0
178 Soldiers & Sailors	50	0	0	0	0	0	0	50	0	0	0	0
179 Apple River Valley Mem H	50	0	0	0	0	0	0	50	0	0	0	0
180 Marcus Daly Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 180 institutions	573,840	523	0	2,505	0	11,683	645	555,773	0	946	1,765	0
181 Byerly Hospital	50	0	0	0	0	0	0	50	0	0	0	0
182 Sioux Valley Hospital	50	0	0	0	0	0	0	50	0	0	0	0
183 MN Valley Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
184 Mem Hosp Neillsville	50	0	0	0	0	0	0	50	0	0	0	0
185 Prairie Du Chien Hosp	50	0	0	0	0	0	0	50	0	0	0	0
186 Holy Trinity Hosp	50	0	0	0	0	0	0	50	0	0	0	0
187 Flagstaff Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
188 Roane General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
189 Creek Nation Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
190 Fairmont Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 190 institutions	574,340	523	0	2,505	0	11,683	645	556,273	0	946	1,765	0
191 Mercy Hospital - Grayling	50	0	0	0	0	0	0	50	0	0	0	0
192 Paul Oliver Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
193 Our Lady of the Way Hosp	50	0	0	0	0	0	0	50	0	0	0	0
194 Cook County N Shore Hosp	50	0	0	0	0	0	0	50	0	0	0	0
195 Kittson Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
196 St Peter's Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
197 Teton Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
198 Beatrice Comm Hosp&Health	50	0	0	0	0	0	0	50	0	0	0	0
199 Cottage Hospital	50	0	0	0	0	0	0	50	0	0	0	0
200 Hoopeston Comm Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 200 institutions	574,840	523	0	2,505	0	11,683	645	556,773	0	946	1,765	0

See explanatory information, if any, and SOURCE at end of table.

Table B-21. Federal obligations to voluntary hospitals for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
201 Cuba Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
202 Tri-County Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
203 Ashe Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
204 Carson City Hosp	50	0	0	0	0	0	0	50	0	0	0	0
205 Comm Mem Hosp - Hettinger	50	0	0	0	0	0	0	50	0	0	0	0
206 Big Horn County Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
207 Mercy Hospital Williston	50	0	0	0	0	0	0	50	0	0	0	0
208 Pembina County Mem Hospit	50	0	0	0	0	0	0	50	0	0	0	0
209 Down East Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
210 Paris Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 210 institutions	575,340	523	0	2,505	0	11,683	645	557,273	0	946	1,765	0
211 Door County Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
212 Gritman Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
213 R.J. Taylor Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
214 Helena Hospital	50	0	0	0	0	0	0	50	0	0	0	0
215 St. Benedict Hospital	50	0	0	0	0	0	0	50	0	0	0	0
216 Navapache Hospital	50	0	0	0	0	0	0	50	0	0	0	0
217 Lee Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
218 Hill Country Memorial Hsp	50	0	0	0	0	0	0	50	0	0	0	0
219 Copley Hospital	50	0	0	0	0	0	0	50	0	0	0	0
220 Community Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 220 institutions	575,840	523	0	2,505	0	11,683	645	557,773	0	946	1,765	0
221 Adams Co Mem Hosp & Nurs	50	0	0	0	0	0	0	50	0	0	0	0
222 Memorial Hosp - Iowa Cnty	50	0	0	0	0	0	0	50	0	0	0	0
223 Memorial Hosp - Boscobel	50	0	0	0	0	0	0	50	0	0	0	0
224 St. Mary's Hosp - Sparta	50	0	0	0	0	0	0	50	0	0	0	0
225 St. Josephs Hosp Arcadia	50	0	0	0	0	0	0	50	0	0	0	0
226 Castaner General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
227 Methodist Hospital	50	0	0	0	0	0	0	50	0	0	0	0
228 Burgess Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
229 Troy Community Hospital	50	0	0	0	0	0	0	50	0	0	0	0
230 St Josephs Mem Hosp Hills	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 230 institutions	576,340	523	0	2,505	0	11,683	645	558,273	0	946	1,765	0
231 Anamosa Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
232 Trinity Hospital	50	0	0	0	0	0	0	50	0	0	0	0
233 Pondera County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
234 Clearwater Valley Hosp	50	0	0	0	0	0	0	50	0	0	0	0
235 Ctrl Mont Hosp & Nursing	50	0	0	0	0	0	0	50	0	0	0	0
236 Grayson Co War Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
237 Gerber Mem Hospital	50	0	0	0	0	0	0	50	0	0	0	0
238 St Gabriel's Hospital	50	0	0	0	0	0	0	50	0	0	0	0
239 Jefferson Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
240 Maine Coast Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 240 institutions	576,840	523	0	2,505	0	11,683	645	558,773	0	946	1,765	0
241 St Luke's Hosp Crosby	50	0	0	0	0	0	0	50	0	0	0	0
242 Community Hosp-McCook	50	0	0	0	0	0	0	50	0	0	0	0
243 Grady General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
244 Littleton Hospital	50	0	0	0	0	0	0	50	0	0	0	0
245 Memorial Hosp N Conway	50	0	0	0	0	0	0	50	0	0	0	0
246 Cmty Gen Hosp Sullivan	50	0	0	0	0	0	0	50	0	0	0	0
247 Lake View Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
248 Margaretville Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
249 Day Kimball Hospital	50	0	0	0	0	0	0	50	0	0	0	0
250 Charles A Dean Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 250 institutions	577,340	523	0	2,505	0	11,683	645	559,273	0	946	1,765	0

See explanatory information, if any, and SOURCE at end of table.

Table B-21. Federal obligations to voluntary hospitals for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
251 Lebanon County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
252 Mercy Hosp-Devils Lake	50	0	0	0	0	0	0	50	0	0	0	0
253 Gibson Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
254 Greene Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
255 Stanley Community Hospita	50	0	0	0	0	0	0	50	0	0	0	0
256 Wishek Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
257 Cleveland Area Hospital	50	0	0	0	0	0	0	50	0	0	0	0
258 Okmulgee Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
259 White Mountain Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
260 Granite Falls Mun Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 260 institutions	577,840	523	0	2,505	0	11,683	645	559,773	0	946	1,765	0
261 Flandreau Municipal Hosp	50	0	0	0	0	0	0	50	0	0	0	0
262 S Cameron Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
263 Mount San Rafael Hospital	50	0	0	0	0	0	0	50	0	0	0	0
264 Colusa Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
265 Community Hosp-McVille	49	0	0	0	0	0	0	49	0	0	0	0
266 Griggs County Hospital	49	0	0	0	0	0	0	49	0	0	0	0
267 St Francis Hosp-Mtn View	49	0	0	0	0	0	0	49	0	0	0	0
268 Garrison Memorial Hosp	49	0	0	0	0	0	0	49	0	0	0	0
269 Ed A Utlaut Memorial Hosp	49	0	0	0	0	0	0	49	0	0	0	0
270 Glendive Community Hosp	48	0	0	0	0	0	0	48	0	0	0	0
Total 1st 270 institutions	578,333	523	0	2,505	0	11,683	645	560,266	0	946	1,765	0
271 Southern Hills Gen Hosp	48	0	0	0	0	0	0	48	0	0	0	0
272 Goshen Co Mem Hosp	46	0	0	0	0	0	0	46	0	0	0	0
273 Okarche Memorial Hospital	45	0	0	0	0	0	0	45	0	0	0	0
274 Canton-Potsdam Hospital	44	0	0	0	0	0	0	44	0	0	0	0
275 St Mary's Hospital	43	0	0	0	0	43	0	0	0	0	0	0
276 Socorro General Hospital	42	0	0	0	0	0	0	42	0	0	0	0
277 Our Lady of Mercy Med Ctr	42	0	0	0	0	0	0	42	0	0	0	0
278 Cambridge Memorial Hospit	41	0	0	0	0	0	0	41	0	0	0	0
279 Seward General Hospital	40	0	0	0	0	0	0	40	0	0	0	0
280 Berlin Memorial Hospital	35	0	0	0	0	0	0	35	0	0	0	0
Total 1st 280 institutions	578,759	523	0	2,505	0	11,726	645	560,649	0	946	1,765	0
281 Children's Hosp Orange	35	0	0	0	0	0	0	35	0	0	0	0
282 Hans P Peterson Mem H	34	0	0	0	0	0	0	34	0	0	0	0
283 Marlette Cmty Hosp	32	0	0	0	0	0	0	32	0	0	0	0
284 McKenzie Mem Hosp	32	0	0	0	0	0	0	32	0	0	0	0
285 Baptist Hospital Winner	32	0	0	0	0	0	0	32	0	0	0	0
286 Fallon Memorial Hospital	30	0	0	0	0	0	0	30	0	0	0	0
287 Miles Memorial Hospital	25	0	0	0	0	0	0	25	0	0	0	0
288 St Andrew's Hosp Boothbay	25	0	0	0	0	0	0	25	0	0	0	0
289 Freeman Community Hosp	22	0	0	0	0	0	0	22	0	0	0	0
290 Dakota Hospital	22	0	0	0	0	0	0	22	0	0	0	0
Total 1st 290 institutions	579,048	523	0	2,505	0	11,726	645	560,938	0	946	1,765	0
291 St. Joseph Comm Hosp	22	0	0	0	0	0	0	22	0	0	0	0
292 Landmann Jungman Mem Hos	22	0	0	0	0	0	0	22	0	0	0	0
293 Charlevoix Hospital I	22	0	0	0	0	0	0	22	0	0	0	0
294 Pioneer Memorial Hosptial	22	0	0	0	0	0	0	22	0	0	0	0
295 St Luke's Hosp-United Met	22	0	0	0	0	0	0	22	0	0	0	0
296 St. Michael's Hospital	22	0	0	0	0	0	0	22	0	0	0	0
297 St Andrew's Hospital	17	0	0	0	0	0	0	17	0	0	0	0
298 Osceola Comm Hospital	13	0	0	0	0	0	0	13	0	0	0	0
299 Shodair Crippled Child	12	0	0	0	0	0	0	12	0	0	0	0
300 Gregory Community Hosp	10	0	0	0	0	0	0	10	0	0	0	0
Total 1st 300 institutions	579,232	523	0	2,505	0	11,726	645	561,122	0	946	1,765	0

See explanatory information, if any, and SOURCE at end of table.

Table B-21. Federal obligations to voluntary hospitals for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
301 Cherry County Hospital	8	0	0	0	0	0	0	8	0	0	0	0
302 Lundberg Memorial Hosp	8	0	0	0	0	0	0	8	0	0	0	0
303 Antelope Memorial Hosp	8	0	0	0	0	0	0	8	0	0	0	0
304 St Anthony's Hospital	8	0	0	0	0	0	0	8	0	0	0	0
305 Wagner Comm Memorial Hosp	6	0	0	0	0	0	0	6	0	0	0	0
Total 1st 305 institutions	579,270	523	0	2,505	0	11,726	645	561,160	0	946	1,765	0

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table B-22. Federal obligations to other independent nonprofit institutions for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total, all institutions	355,756	2,920	1,332	67,124	15,653	49,200	9,547	49,422	485	70,702	70,545	18,826
1 Nat'l Academy of Sciences	58,424	70	0	10,747	280	17,623	2,096	838	398	13,446	11,199	1,727
2 Assn Univs Rsch & Astron	47,349	0	0	0	0	0	0	0	0	47,349	0	0
3 Amer Society-Engr Educ	20,465	0	0	20,016	0	0	0	0	0	50	399	0
4 Liberty Science Center	15,000	0	0	15,000	0	0	0	0	0	0	0	0
5 Natl Jewish Ctr Immunolog	12,019	0	0	0	0	0	0	12,019	0	0	0	0
6 Assn of American Railrds	9,534	0	0	0	0	0	0	0	0	0	0	9,534
7 Merit Network Inc.	8,863	0	0	0	0	0	0	0	0	0	8,863	0
8 American Iron & Steel Ins	8,423	0	0	0	0	8,423	0	0	0	0	0	0
9 Universities Space Rsch	7,884	0	0	776	0	0	0	0	0	7,108	0	0
10 Inst of Nuclear Power	7,000	0	0	0	0	7,000	0	0	0	0	0	0
Total 1st 10 institutions	194,961	70	0	46,539	280	33,046	2,096	12,857	398	67,953	20,461	11,261
11 Natl Marrow Donor Program	6,900	0	0	6,900	0	0	0	0	0	0	0	0
12 Joslin Diabetes Fdn Inc	5,239	0	0	0	0	0	0	5,166	0	0	73	0
13 Memorial Cancer Res Fdn	4,698	0	0	0	0	0	0	4,698	0	0	0	0
14 NM Museum of Natur Hist	4,497	0	0	4,497	0	0	0	0	0	0	0	0
15 Sthestrn Ctr Elec Eng Ed	4,195	0	0	4,195	0	0	0	0	0	0	0	0
16 Natl Sci Teachers Assoc	4,052	0	0	0	0	0	0	0	0	969	3,083	0
17 Carnegie Inst of Wash	3,925	100	0	100	0	0	0	2,048	0	403	1,274	0
18 The Regnl Lab Ed Improve	3,857	0	0	0	3,857	0	0	0	0	0	0	0
19 No Cntl Reg Educatnal Lab	3,787	0	0	0	3,787	0	0	0	0	0	0	0
20 SE Regnl Vision for Educ	3,598	0	0	0	3,598	0	0	0	0	0	0	0
Total 1st 20 institutions	239,709	170	0	62,231	11,522	33,046	2,096	24,769	398	69,325	24,891	11,261
21 Milwaukee Blood Center	3,508	0	0	0	0	0	0	3,508	0	0	0	0
22 New York Blood Center	3,206	0	0	346	0	0	0	2,860	0	0	0	0
23 John B Pierce Fdn of Conn	3,095	0	0	550	0	0	180	2,365	0	0	0	0
24 Assoc Westrn Univ, Inc	3,062	0	0	0	0	3,062	0	0	0	0	0	0
25 Assoc Univ Prog Public	2,810	0	0	0	0	0	0	0	0	0	0	2,810
26 Inst of Gas Technology	2,759	0	0	414	0	2,135	210	0	0	0	0	0
27 Amer Assoc-Advancmnt Sci	2,644	0	0	0	500	100	198	0	0	0	1,846	0
28 The Exploratorium	2,565	0	0	0	0	84	0	0	0	0	2,481	0
29 Population Council	2,560	0	0	0	0	0	0	2,560	0	0	0	0
30 Amer Type Culture Coll	2,521	0	0	0	0	79	0	2,307	0	0	135	0
Total 1st 30 institutions	268,439	170	0	63,541	12,022	38,506	2,684	38,369	398	69,325	29,353	14,071
31 Issaquah Hlth Res Inst	2,403	0	0	0	0	0	0	2,403	0	0	0	0
32 Jay David Gladstone Fdn	2,049	0	0	0	0	0	0	2,049	0	0	0	0
33 Pacific Region Educ Lab	2,015	0	0	0	2,015	0	0	0	0	0	0	0
34 Chicago Education Fed	2,000	0	0	0	0	2,000	0	0	0	0	0	0
35 Hanford Occ Hlth Found	1,999	0	0	0	0	1,999	0	0	0	0	0	0
36 Oregon Museum Sci Indstry	1,995	0	0	0	0	129	0	0	0	0	1,866	0
37 Amer Inst of Physics	1,877	0	0	6	0	32	0	0	0	0	1,839	0
38 Amer Museum of Natl Hist	1,831	0	0	0	0	0	0	0	0	97	1,734	0
39 National Governor's Assoc	1,824	0	0	0	0	0	1,510	0	0	0	314	0
40 New York Botanical Garden	1,709	0	0	0	0	0	0	0	0	0	1,709	0
Total 1st 40 institutions	288,141	170	0	63,547	14,037	42,666	4,194	42,821	398	69,422	38,815	14,071
41 Biol Sci Curiculm Stdy Co	1,647	0	0	0	0	210	0	0	0	0	1,437	0
42 Environmental Law Inst	1,619	0	0	0	0	0	1,619	0	0	0	0	0
43 Paths/Prism	1,600	0	0	0	0	0	0	0	0	0	1,600	0
44 Amer Dental Assoc Hlth	1,556	0	0	0	0	0	0	1,556	0	0	0	0
45 Natl Ctr for Approp Tech	1,424	0	0	0	0	1,424	0	0	0	0	0	0
46 E Pendleton Bradley Fdn	1,379	0	0	0	0	0	0	1,379	0	0	0	0
47 Spring & Groundwater Inst	1,325	1,325	0	0	0	0	0	0	0	0	0	0
48 Amer Statistical Assoc	1,284	0	0	0	0	55	0	0	0	0	1,229	0
49 HI Sugar Planters Assoc	1,276	1,276	0	0	0	0	0	0	0	0	0	0
50 Montana Teachers of Math	1,271	0	0	0	0	0	0	0	0	0	1,271	0
Total 1st 50 institutions	302,522	2,771	0	63,547	14,037	44,355	5,813	45,756	398	69,422	42,352	14,071

See explanatory information, if any, and SOURCE at end of table.

Table B-22. Federal obligations to other independent nonprofit institutions for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
51 Ohio's Ctr Sci & Industry	1,129	0	0	0	0	0	0	0	0	0	1,129	0
52 Puget Sound Blood Center	1,127	0	0	0	0	0	0	1,127	0	0	0	0
53 Acad Natural Sci of Phil	1,078	0	0	0	0	0	159	0	0	0	919	0
54 Societal Inst of Math Sci	972	0	0	0	0	0	225	747	0	0	0	0
55 WGBH Educational Fdn	890	0	0	0	0	0	0	0	0	0	890	0
56 Calif Academy of Sciences	888	0	0	0	0	0	0	0	0	0	888	0
57 Center Independent Living	817	0	0	0	0	0	0	0	0	0	0	817
58 Grtr Wash Ed Telcom Assoc	813	0	0	0	0	0	0	0	0	0	813	0
59 Harbor Br Ocean Inst	800	0	0	366	0	0	0	0	0	0	434	0
60 American Chemical Society	756	0	0	8	0	214	100	0	0	0	434	0
Total 1st 60 institutions	311,792	2,771	0	63,921	14,037	44,569	6,297	47,630	398	69,422	47,859	14,888
61 National Science Ctr Fdn	741	0	0	0	0	0	0	0	0	0	741	0
62 Missouri Botanical Garden	723	0	0	0	0	0	0	140	0	0	583	0
63 Cincinnati Mus Nat Hist	717	0	0	0	0	0	0	0	0	0	717	0
64 Science Museum Minnesota	711	0	0	0	0	0	0	0	0	0	711	0
65 Amer Assoc-Physics Tchrs	706	0	0	0	0	0	0	0	0	0	706	0
66 Alton Ochsner Med Fndtn	686	0	0	0	0	0	0	686	0	0	0	0
67 US Space Foundation	674	0	0	0	0	0	0	0	0	0	674	0
68 Educational Testing Srvc	658	0	0	232	0	0	0	0	0	0	426	0
69 Life Lab Sci Prog	651	0	0	0	0	0	0	0	0	0	651	0
70 Displaced Homemakers Nwk	650	0	0	0	0	0	0	0	0	0	0	650
Total 1st 70 institutions	318,709	2,771	0	64,153	14,037	44,569	6,297	48,456	398	69,422	53,068	15,538
71 Sci Museums of Charlotte	647	0	0	0	0	0	0	0	0	0	647	0
72 Cncl of Great Lakes Govrn	643	0	0	0	0	643	0	0	0	0	0	0
73 Amer Meteorological Soc	634	0	0	0	0	0	25	0	0	0	609	0
74 Fdn for Advnc in Sci & Ed	601	0	0	0	0	0	0	0	0	0	601	0
75 West Interst Comm High Ed	600	0	0	0	0	0	0	0	0	0	600	0
76 Natl Acad Public Admin	563	0	0	0	0	0	0	0	0	563	0	0
77 Museum of Science	561	0	0	0	0	0	0	0	0	0	561	0
78 Boys & Girls Club Gr Wash	552	0	0	0	0	0	0	0	0	0	0	552
79 Museum of Sci & Industry	550	0	0	0	0	21	0	0	0	0	529	0
80 Amer Soc for Cell Biology	545	0	0	195	0	0	0	0	0	0	350	0
Total 1st 80 institutions	324,605	2,771	0	64,348	14,037	45,233	6,322	48,456	398	69,985	56,985	16,090
81 Women's Action Alliance	543	0	0	0	0	0	0	0	0	0	543	0
82 United Engineering Trusts	539	0	0	515	0	0	24	0	0	0	0	0
83 KY Domestic Violence	521	0	0	0	0	0	0	0	0	0	0	521
84 Amer Assoc Cmty & Jr Col	519	0	0	0	0	0	0	0	0	0	519	0
85 Ntl Actn Cncl Minorities	519	0	0	0	0	0	0	0	0	0	519	0
86 Minorities in Math S&E	507	0	0	0	0	0	0	0	0	0	507	0
87 Three Rivers RESA	503	0	0	0	0	0	0	0	0	0	503	0
88 UIPC Research Foundation	496	0	0	0	0	496	0	0	0	0	0	0
89 Int'l City Mangmnt Assoc	444	0	0	0	0	0	444	0	0	0	0	0
90 W Wilson Natl Fellowship	404	0	0	0	0	0	0	0	0	0	404	0
Total 1st 90 institutions	329,600	2,771	0	64,863	14,037	45,729	6,790	48,456	398	69,985	59,960	16,611
91 Am Printing House Blind	400	0	0	0	400	0	0	0	0	0	0	0
92 Interstate Oil Compact	386	0	0	0	0	386	0	0	0	0	0	0
93 Argus Community, Inc	373	0	0	0	0	0	0	0	0	0	0	373
94 Gulf & S Atl Fish Dev Fdn	371	0	371	0	0	0	0	0	0	0	0	0
95 Amer Inst of Architects	364	0	0	0	0	0	275	0	0	0	89	0
96 Council for Basic Educ	361	0	0	0	0	0	0	0	0	0	361	0
97 Amer Indian Sci&Eng Soc	356	0	0	0	0	0	0	0	0	36	320	0
98 Natl Hisp Schlrshp Fund	350	0	0	0	0	350	0	0	0	0	0	0
99 Bernice P Bishop Museum	349	0	0	0	0	0	0	0	0	0	349	0
100 American Council On Educa	348	0	0	323	0	0	0	0	0	0	25	0
Total 1st 100 institutions	333,258	2,771	371	65,186	14,437	46,465	7,065	48,456	398	70,021	61,104	16,984

See explanatory information, if any, and SOURCE at end of table.

Table B-22. Federal obligations to other independent nonprofit institutions for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
101 Assoc of Amer Geographers	343	0	0	0	0	0	0	0	0	0	343	0
102 Univ Assoc Rsch/Ed - Path	318	0	0	0	0	0	0	318	0	0	0	0
103 Natl Cons Grad Eng Min	316	0	0	0	0	0	0	0	0	316	0	0
104 Amer Assn Col Teacher	315	0	0	0	315	0	0	0	0	0	0	0
105 N Y Zoological Society	310	0	0	0	0	0	0	0	0	0	310	0
106 Natl Safety Council	306	0	0	0	0	0	266	0	0	0	0	40
107 Mass Career Devel Inst	305	0	0	0	0	0	0	0	0	0	0	305
108 League of Women Voters	301	0	0	0	0	0	301	0	0	0	0	0
109 Network Innov Schools	301	0	0	0	0	0	0	0	0	0	301	0
110 Somrset Co Bus Ed Prtnshp	300	0	0	0	0	0	0	0	0	0	300	0
Total 1st 110 institutions	336,373	2,771	371	65,186	14,752	46,465	7,632	48,774	398	70,337	62,358	17,329
111 Jobs for Homeless People	300	0	0	0	0	0	0	0	0	0	0	300
112 Inc Rsch Insts Seismology	295	0	0	0	0	0	0	0	0	0	295	0
113 Soc of Env Toxicology	294	0	0	294	0	0	0	0	0	0	0	0
114 Natl Cncl Rad Prot & Meas	292	0	0	0	0	120	50	0	0	122	0	0
115 Nationl Assoc of Counties	279	0	0	0	0	0	279	0	0	0	0	0
116 Urban League Greater KC	277	0	0	0	0	277	0	0	0	0	0	0
117 Friends of the Homeless	276	0	0	0	0	0	0	0	0	0	0	276
118 Bituminous Coal Res, Inc	275	0	0	0	0	275	0	0	0	0	0	0
119 Kaiser Foundation	275	0	0	0	0	0	0	275	0	0	0	0
120 Homer Soc of Natural Hist	275	0	0	0	0	0	0	0	0	0	275	0
Total 1st 120 institutions	339,211	2,771	371	65,480	14,752	47,137	7,961	49,049	398	70,459	62,928	17,905
121 Amer Acad of Arts & Sci	274	0	0	0	0	0	0	0	0	0	274	0
122 Gordon Rsch Conferences	262	53	0	95	0	16	38	0	0	60	0	0
123 Fountain House, Inc	258	0	0	0	0	0	0	0	0	0	0	258
124 Minn Envmmtl Sci Fdn Inc	257	0	0	0	0	0	0	0	0	0	257	0
125 Fdn for Adv in Sci & Ed	256	0	0	0	0	256	0	0	0	0	0	0
126 Amer Soc of Mech Eng	254	0	0	254	0	0	0	0	0	0	0	0
127 American Foundrymen Soc	252	0	0	0	0	252	0	0	0	0	0	0
128 Recording for the Blind	250	0	0	0	0	0	0	0	0	0	250	0
129 World Resources Institute	250	0	0	0	0	0	250	0	0	0	0	0
130 Satellite Comm for Lrng	242	0	0	242	0	0	0	0	0	0	0	0
Total 1st 130 institutions	341,766	2,824	371	66,071	14,752	47,661	8,249	49,049	398	70,519	63,709	18,163
131 Princeton Univ Press	237	0	0	92	0	0	0	0	0	0	145	0
132 Fdn Employment & Disblty	235	0	0	0	0	0	0	0	0	0	235	0
133 Educ and Resources Group	223	0	0	0	0	0	0	0	0	0	223	0
134 Chief State Schl Off	221	0	0	0	0	0	0	0	0	0	221	0
135 Field Museum Natural Hist	217	0	0	0	0	0	0	0	0	0	217	0
136 American Geophysicl Union	216	0	0	0	0	0	0	0	0	53	163	0
137 Society of Automotive Eng	212	0	0	212	0	0	0	0	0	0	0	0
138 Project Oceanology	211	0	0	0	0	0	0	0	0	0	211	0
139 Amer Physical Soc	208	0	0	39	0	0	0	0	0	0	169	0
140 World Wildlife Fund - US	207	0	0	0	0	0	207	0	0	0	0	0
Total 1st 140 institutions	343,953	2,824	371	66,414	14,752	47,661	8,456	49,049	398	70,572	65,293	18,163
141 LA Cty Museum of Nat Hist	200	0	0	0	0	0	0	0	0	0	200	0
142 Rural Enterprises, Inc	196	0	0	0	0	196	0	0	0	0	0	0
143 Natl Assc Home Builders	194	0	0	0	0	94	100	0	0	0	0	0
144 Waste Policy Institute	194	0	0	0	0	194	0	0	0	0	0	0
145 ASM International	188	0	20	0	0	0	0	0	0	0	168	0
146 Scientsts Inst Pub Info	186	0	0	0	0	0	0	0	0	0	186	0
147 Pacific Science Ctr Fdn	184	0	0	0	0	0	0	0	0	0	184	0
148 Chicago Zoological Soc	183	0	0	0	0	0	0	0	0	0	183	0
149 American Bar Foundation	183	0	0	0	0	0	0	0	0	0	183	0
150 Qlty Ed Minorities Netwrk	182	0	0	0	0	0	0	0	0	0	182	0
Total 1st 150 institutions	345,843	2,824	391	66,414	14,752	48,145	8,556	49,049	398	70,572	66,579	18,163

See explanatory information, if any, and SOURCE at end of table.

Table B-22. Federal obligations to other independent nonprofit institutions for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
151 Maine Audubon Society	181	0	0	0	0	0	0	0	0	0	181	0
152 Thames Science Center	175	0	0	0	0	0	0	0	0	0	175	0
153 Iowa Oncology Rsch Assn	172	0	0	0	0	0	0	172	0	0	0	0
154 Illinois State Museum	172	0	36	0	0	0	0	0	0	0	136	0
155 Amer Educational Res	170	0	0	0	0	0	0	0	0	0	170	0
156 National Public Radio	165	0	0	0	0	0	0	0	0	0	165	0
157 Flowers with Care	160	0	0	0	160	0	0	0	0	0	0	0
158 Menninger Foundation	160	0	0	0	0	0	0	160	0	0	0	0
159 Am Soc Testing Materials	160	0	0	5	0	0	105	0	20	0	30	0
160 Childrens Museum Boston	159	0	0	0	0	0	0	0	0	0	159	0
Total 1st 160 institutions	347,517	2,824	427	66,419	14,912	48,145	8,661	49,381	418	70,572	67,595	18,163
161 South Carina Rsrch Auth	158	0	158	0	0	0	0	0	0	0	0	0
162 Assoc of Science-Tech Cnt	154	0	0	0	0	0	0	0	0	0	154	0
163 Natl Gardening Assoc	151	0	0	0	0	0	0	0	0	0	151	0
164 Jr Eng Technical Soc.	150	0	0	150	0	0	0	0	0	0	0	0
165 Climate Institute	150	0	0	0	0	0	150	0	0	0	0	0
166 New England Aquarium Corp	148	0	65	0	0	0	83	0	0	0	0	0
167 NJ Bus Sci Ed Consortium	147	0	0	0	0	0	0	0	0	0	147	0
168 Natl Assc Biology Teacher	145	0	0	0	0	0	0	0	0	0	145	0
169 Div of Chemical Educ	142	0	0	0	0	0	0	0	0	0	142	0
170 St Louis Science Center	140	0	0	0	0	140	0	0	0	0	0	0
Total 1st 170 institutions	349,002	2,824	650	66,569	14,912	48,285	8,894	49,381	418	70,572	68,334	18,163
171 CO Parntership Ed Renewl	140	0	0	0	140	0	0	0	0	0	0	0
172 Optical Soc of America	138	0	0	130	0	8	0	0	0	0	0	0
173 Natl Inst of Bldg Science	130	0	25	0	0	0	105	0	0	0	0	0
174 Amer Cncl - Learned Soc	126	0	0	0	0	0	0	0	0	0	126	0
175 Geological Soc of America	121	0	0	0	0	0	0	0	21	0	100	0
176 Society Hispanic Prof Eng	115	0	0	0	0	0	0	0	0	0	115	0
177 Nebraskans for Public TV	115	0	0	0	0	0	115	0	0	0	0	0
178 Diocese of Fargo	112	0	0	0	112	0	0	0	0	0	0	0
179 Austin Childrens Museum	112	0	0	0	0	112	0	0	0	0	0	0
180 Houston Advanced Research	111	0	0	0	111	0	0	0	0	0	0	0
Total 1st 180 institutions	350,222	2,824	675	66,699	15,275	48,405	9,114	49,381	439	70,572	68,675	18,163
181 Universities Res Assoc	110	0	0	0	0	0	0	0	0	0	110	0
182 Hands-on-Sci Outreach	109	0	0	0	0	0	0	0	0	0	109	0
183 Natl Cncl Tchrs of Math	104	0	0	0	0	0	0	0	0	0	104	0
184 Operation Able	104	0	0	0	0	0	0	0	0	0	0	104
185 California Museum Fdn	100	0	0	0	0	100	0	0	0	0	0	0
186 Amer Electroplaters Soc	100	0	0	0	0	0	100	0	0	0	0	0
187 National Cncl Jewish Wmn	93	0	0	0	0	0	0	0	0	0	0	93
188 Materials Research Soc	92	0	0	92	0	0	0	0	0	0	0	0
189 Social Science Rsch Cncl	90	0	0	0	0	0	0	0	0	0	90	0
190 Elkhorn Slough Foundation	90	0	90	0	0	0	0	0	0	0	0	0
Total 1st 190 institutions	351,124	2,824	675	66,791	15,275	48,505	9,214	49,381	439	70,572	69,088	18,360
191 The Discovery Museum	89	0	0	0	0	89	0	0	0	0	0	0
192 Natl Soc of Professnl Eng	86	0	86	0	0	0	0	0	0	0	0	0
193 Natl Conf States on Bus	84	0	0	0	0	0	84	0	0	0	0	0
194 Environmental Defense Fnd	83	0	0	0	0	0	0	0	0	0	83	0
195 Educational Support Systm	83	0	0	0	83	0	0	0	0	0	0	0
196 DeLaSalle Education Ctr	81	0	0	0	81	0	0	0	0	0	0	0
197 Marie Selby Botan Gardens	81	0	0	0	0	0	0	0	0	0	81	0
198 Educ Broadcasting Corp	80	0	0	0	0	0	0	0	0	0	80	0
199 Lovelace Biomed Environ	80	0	0	0	0	80	0	0	0	0	0	0
200 Natl Assoc Conservation	80	30	0	0	0	0	50	0	0	0	0	0
Total 1st 200 institutions	352,041	2,854	851	66,791	15,439	48,674	9,348	49,381	439	70,572	69,332	18,360

See explanatory information, if any, and SOURCE at end of table.

Table B-22. Federal obligations to other independent nonprofit institutions for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
201 H Keller Natl Ctr Deaf	80	0	0	0	80	0	0	0	0	0	0	0
202 Mortgage Bankers Assoc	77	0	0	0	0	0	0	0	0	0	0	77
203 Inst of Elec Engrs Inc	76	0	0	18	0	20	0	0	0	0	38	0
204 Film Arts Foundation	75	0	0	0	0	0	0	0	0	0	75	0
205 The Acadia Institute	75	0	0	0	0	0	0	0	0	0	75	0
206 Chicago Women In Trades	75	0	0	0	0	0	0	0	0	0	0	75
207 Grt Lakes Fisheries Dev	75	0	75	0	0	0	0	0	0	0	0	0
208 Electric Power Research	72	0	0	0	0	72	0	0	0	0	0	0
209 Madison Children's Museum	72	0	0	0	0	0	0	0	0	0	72	0
210 Intdistr Comm Proj Ocean	72	0	72	0	0	0	0	0	0	0	0	0
Total 1st 210 institutions	352,790	2,854	998	66,809	15,519	48,766	9,348	49,381	439	70,572	69,592	18,512
211 Bronx Educational Service	71	0	0	0	71	0	0	0	0	0	0	0
212 Wider Oppties for Women	71	0	0	0	0	0	0	0	0	0	0	71
213 Hist of Science Society	70	0	0	0	0	0	0	0	0	0	70	0
214 The Keystone Center	70	0	0	0	0	0	55	0	0	0	15	0
215 Natl Assn for Eq Opp H Ed	70	0	0	70	0	0	0	0	0	0	0	0
216 DOSECC, Inc	70	0	0	0	0	70	0	0	0	0	0	0
217 Council Am Bldg Officials	66	0	66	0	0	0	0	0	0	0	0	0
218 Chicago Museum of Science	65	0	0	0	0	65	0	0	0	0	0	0
219 American College Testing	65	0	0	65	0	0	0	0	0	0	0	0
220 Southern Growth Policies	63	0	0	0	0	0	0	0	0	0	63	0
Total 1st 220 institutions	353,471	2,854	1,064	66,944	15,590	48,901	9,403	49,381	439	70,572	69,740	18,583
221 The Creative Connection	63	0	0	0	63	0	0	0	0	0	0	0
222 Marine Environ Sci Consor	60	0	60	0	0	0	0	0	0	0	0	0
223 Am Inst of Chem Engineers	60	0	0	0	0	0	25	0	0	0	35	0
224 Amer Mathematical Society	56	0	0	33	0	0	0	0	0	0	23	0
225 Fdn Glacier & Environ Rch	56	0	0	0	0	0	0	0	0	0	56	0
226 Intl Assc Phys Sci Ocean	55	0	0	0	0	0	0	0	0	0	55	0
227 California Table Grape Cm	54	54	0	0	0	0	0	0	0	0	0	0
228 Chesapeake Rsch Consort	54	0	54	0	0	0	0	0	0	0	0	0
229 Computer Museum	53	0	0	0	0	0	0	0	0	0	53	0
230 Educom, Inc	51	0	0	0	0	0	0	0	0	0	51	0
Total 1st 230 institutions	354,033	2,908	1,178	66,977	15,653	48,901	9,428	49,381	439	70,572	70,013	18,583
231 Central Inst for the Deaf	50	0	0	0	0	0	0	0	0	50	0	0
232 Govt Fin Resource Ctr	50	0	0	0	0	0	50	0	0	0	0	0
233 Alaska Eskimo Whale Comm	50	0	50	0	0	0	0	0	0	0	0	0
234 Intl Soc Plant Molec Bio	50	0	0	0	0	0	0	0	0	0	50	0
235 Am Assoc Variable Star Ob	50	0	0	0	0	0	0	0	0	0	0	0
236 One-To-One Partnership	50	0	0	0	0	0	0	0	0	0	0	50
237 Industrial Mgmt Council	50	0	0	0	0	0	0	0	0	0	50	0
238 East Tenn Discovery Ctr	50	0	0	0	0	50	0	0	0	0	0	0
239 Human Relations Area File	48	0	0	0	0	0	0	0	0	0	48	0
240 CA Univ Res Earthqk Eng	47	0	0	0	0	0	0	0	0	0	47	0
Total 1st 240 institutions	354,528	2,908	1,228	66,977	15,653	48,951	9,478	49,381	439	70,672	70,208	18,633
241 Assoc for Computing Mach	47	0	0	0	0	0	0	0	0	0	47	0
242 Ctr for Environ Info	41	0	0	0	0	0	0	0	41	0	0	0
243 Radiation Rsch Society	40	0	0	0	0	35	0	5	0	0	0	0
244 East Asian Hist Sci	40	0	0	0	0	0	0	0	0	0	40	0
245 The Masonry Society	38	0	0	0	0	0	0	0	0	0	38	0
246 Assn Rsch Vision & Ophth	36	0	0	0	0	0	0	36	0	0	0	0
247 NY Academy of Science	35	0	0	5	0	0	0	0	0	30	0	0
248 Air & Waste Mgmt Assoc	35	0	0	0	0	0	35	0	0	0	0	0
249 Amer Regions Math League	35	0	0	0	0	0	0	0	0	0	35	0
250 Russell Sage Foundation	34	0	0	0	0	0	0	0	0	0	34	0
Total 1st 250 institutions	354,909	2,908	1,228	66,982	15,653	48,986	9,513	49,422	480	70,702	70,402	18,633

See explanatory information, if any, and SOURCE at end of table.

Table B-22. Federal obligations to other independent nonprofit institutions for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
251 The Natl Learning Center	32	0	0	0	0	0	0	0	0	0	32	0
252 Southeastern Fish Assoc	32	0	32	0	0	0	0	0	0	0	0	0
253 Scitech	30	0	0	0	0	30	0	0	0	0	0	0
254 Amer National Red Cross	29	0	0	29	0	0	0	0	0	0	0	0
255 Math Assoc of America	27	0	0	27	0	0	0	0	0	0	0	0
256 Discovery Ctr of Idaho	27	0	0	0	0	27	0	0	0	0	0	0
257 Families and Work Inst	25	0	0	0	0	0	0	0	0	0	0	25
258 All End Chld Lead Pois	25	0	0	0	0	0	0	0	0	0	0	25
259 METC Kids, Inc	25	0	0	0	0	25	0	0	0	0	0	0
260 Atlantic St Marine Fisher	25	0	25	0	0	0	0	0	0	0	0	0
Total 1st 260 institutions	355,186	2,908	1,285	67,038	15,653	49,068	9,513	49,422	480	70,702	70,434	18,683
261 Amer Wind Energy Assoc	25	0	0	0	0	25	0	0	0	0	0	0
262 Natl Assoc Hsng Cooper	25	0	0	0	0	0	0	0	0	0	0	25
263 Pacific Inst Rsch & Eval	24	0	0	0	0	0	0	0	0	0	24	0
264 Amer Physiological Soc	22	0	0	0	0	0	0	0	0	0	22	0
265 MD-Undersea Hyperbaric	20	0	20	0	0	0	0	0	0	0	0	0
266 American Nuclear Society	20	0	0	0	0	20	0	0	0	0	0	0
267 Intl Idustrial Super Cond	20	0	0	0	0	20	0	0	0	0	0	0
268 Natl Assoc Corrosion Eng	20	0	0	20	0	0	0	0	0	0	0	0
269 Natl Audubon Society	20	0	0	0	0	0	20	0	0	0	0	0
270 San Diego Natl Hstry Msm	19	0	0	0	0	0	0	0	0	0	19	0
Total 1st 270 institutions	355,401	2,908	1,305	67,058	15,653	49,133	9,533	49,422	480	70,702	70,499	18,708
271 Grnway Heritage Conserv	18	0	18	0	0	0	0	0	0	0	0	0
272 Soc of Verterbrate Paleon	17	0	0	0	0	0	0	0	0	0	17	0
273 Life Science Rsch Fdn	16	0	0	0	0	16	0	0	0	0	0	0
274 Intl Symp Env Biogeochem	15	0	0	0	0	15	0	0	0	0	0	0
275 Natl Assc Reg Utlty Comms	15	0	0	0	0	15	0	0	0	0	0	0
276 Natl Water Well Assoc	14	0	0	0	0	0	14	0	0	0	0	0
277 Assn for Women in Math	10	0	0	10	0	0	0	0	0	0	0	0
278 Natl Fdn for Brain Rsch	10	0	0	10	0	0	0	0	0	0	0	0
279 American Ceramic Society	10	0	0	10	0	0	0	0	0	0	0	0
280 Galileo Foundation	10	0	0	10	0	0	0	0	0	0	0	0
Total 1st 280 institutions	355,536	2,908	1,323	67,098	15,653	49,179	9,547	49,422	480	70,702	70,516	18,708
281 Amer Anthropol Assoc	10	0	0	0	0	0	0	0	0	0	10	0
282 Natl Assoc of Realtors	10	0	0	0	0	0	0	0	0	0	0	10
283 Amer Soc for Microbiology	10	0	0	5	0	0	0	0	0	0	5	0
284 Am Assoc of Engineers	10	0	0	0	0	10	0	0	0	0	0	0
285 Amer Def Preprdnss Assoc	9	0	0	9	0	0	0	0	0	0	0	0
286 Soc for Ind Microbiology	8	0	5	3	0	0	0	0	0	0	0	0
287 Save The Children	7	0	0	0	0	0	0	0	0	0	0	7
288 Society of Genrl Physiol	7	0	0	7	0	0	0	0	0	0	0	0
289 Am Soc of Plant Physiol	6	6	0	0	0	0	0	0	0	0	0	0
290 Conservation Tillage Info	6	6	0	0	0	0	0	0	0	0	0	0
Total 1st 290 institutions	355,619	2,920	1,328	67,122	15,653	49,189	9,547	49,422	480	70,702	70,531	18,725
291 Fed Amer Soc Exper Biol	6	0	0	0	0	2	0	0	0	0	4	0
292 Ecological Soc of America	6	0	0	0	0	6	0	0	0	0	0	0
293 Symposia Envir Biochem	5	0	0	0	0	0	0	0	0	0	5	0
294 Soc of Econ Geologists	5	0	0	0	0	0	0	0	5	0	0	0
295 Inst Study Learning Exper	5	0	0	0	0	0	0	0	0	0	5	0
296 Northeast Wms Rsrc Ctr	4	0	0	0	0	0	0	0	0	0	0	4
297 Mi Casa Women's Center	4	0	0	0	0	0	0	0	0	0	0	4
298 Colo All for Sci (YCMS)	4	0	4	0	0	0	0	0	0	0	0	0
299 Networking Together Inc.	3	0	0	0	0	0	0	0	0	0	0	3
300 New Ways to Work	3	0	0	0	0	0	0	0	0	0	0	3
Total 1st 300 institutions	355,664	2,920	1,332	67,122	15,653	49,197	9,547	49,422	485	70,702	70,545	18,739

See explanatory information, if any, and SOURCE at end of table.

Table B-22. Federal obligations to other independent nonprofit institutions for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
301 Women and Employment	3	0	0	0	0	0	0	0	0	0	0	3
302 Natl Women Veterans Cnfc	3	0	0	0	0	0	0	0	0	0	0	3
303 Bioelectromagnetics Soc	3	0	0	0	0	3	0	0	0	0	0	0
304 YWCA Anchorage, Alaska	3	0	0	0	0	0	0	0	0	0	0	3
305 YWCA Hartford Region	3	0	0	0	0	0	0	0	0	0	0	3
306 The Natl Cnfc Black Mayor	3	0	0	0	0	0	0	0	0	0	0	3
307 Womens Coal of St Croix	3	0	0	0	0	0	0	0	0	0	0	3
308 Women's Resource Center	3	0	0	0	0	0	0	0	0	0	0	3
309 YWCA of Greater Atlanta	3	0	0	0	0	0	0	0	0	0	0	3
310 Women Florida in Trades	3	0	0	0	0	0	0	0	0	0	0	3
Total 1st 310 institutions	355,694	2,920	1,332	67,122	15,653	49,200	9,547	49,422	485	70,702	70,545	18,766
311 National Urban League	2	0	0	0	0	0	0	0	0	0	0	2
312 Tradeswomen Inc	2	0	0	0	0	0	0	0	0	0	0	2
313 Natl Hispana Leadership	2	0	0	0	0	0	0	0	0	0	0	2
314 Wellness Council - Tucson	2	0	0	0	0	0	0	0	0	0	0	2
315 Girl Scouts Cncl Hawaii	2	0	0	0	0	0	0	0	0	0	0	2
316 A Hamilton Occup Hlth Ctr	2	0	0	0	0	0	0	0	0	0	0	2
317 Hard Hatted Women	2	0	0	0	0	0	0	0	0	0	0	2
318 YWCA Tucson, Arizona	2	0	0	0	0	0	0	0	0	0	0	2
319 Womens Legislative Netwrk	2	0	0	0	0	0	0	0	0	0	0	2
320 The Women's Law Center	2	0	0	0	0	0	0	0	0	0	0	2
Total 1st 320 institutions	355,714	2,920	1,332	67,122	15,653	49,200	9,547	49,422	485	70,702	70,545	18,786
321 The Omaha Neb YWCA	2	0	0	0	0	0	0	0	0	0	0	2
322 Minnesota Women in Trades	2	0	0	0	0	0	0	0	0	0	0	2
323 North Carolina Equity Inc	2	0	0	0	0	0	0	0	0	0	0	2
324 Electrochemical Society	2	0	0	2	0	0	0	0	0	0	0	0
325 Women Educ Emplymnt Netwk	2	0	0	0	0	0	0	0	0	0	0	2
326 Pathways for Women	2	0	0	0	0	0	0	0	0	0	0	2
327 NY Chamber of Commerce	1	0	0	0	0	0	0	0	0	0	0	1
328 YWCA of Topeka, Kansas	1	0	0	0	0	0	0	0	0	0	0	1
329 Girls Coalition of SE PA	1	0	0	0	0	0	0	0	0	0	0	1
330 Camden Urban Womens Ctr	1	0	0	0	0	0	0	0	0	0	0	1
Total 1st 330 institutions	355,730	2,920	1,332	67,124	15,653	49,200	9,547	49,422	485	70,702	70,545	18,800
331 ACAP Employmnt & Training	1	0	0	0	0	0	0	0	0	0	0	1
332 Womens Ctr Ed & Career Ad	1	0	0	0	0	0	0	0	0	0	0	1
333 URI Foundation	1	0	0	0	0	0	0	0	0	0	0	1
334 SD Coal Agnst Viol/Sexual	1	0	0	0	0	0	0	0	0	0	0	1
335 YWCA Metro Br Womens Ctr	1	0	0	0	0	0	0	0	0	0	0	1
336 Utah Coal Afr Amer Women	1	0	0	0	0	0	0	0	0	0	0	1
337 YWCA of Salt Lake City	1	0	0	0	0	0	0	0	0	0	0	1
338 Everywoman Oppty Center	1	0	0	0	0	0	0	0	0	0	0	1
339 Natl Assoc of Univ Women	1	0	0	0	0	0	0	0	0	0	0	1
340 Asian Pac Dev Ctr Colo	1	0	0	0	0	0	0	0	0	0	0	1
Total 1st 340 institutions	355,740	2,920	1,332	67,124	15,653	49,200	9,547	49,422	485	70,702	70,545	18,810
341 Delaware Assoc Sch Admin	1	0	0	0	0	0	0	0	0	0	0	1
342 Womens Allince Job Equity	1	0	0	0	0	0	0	0	0	0	0	1
343 Rhode Island Working Women	1	0	0	0	0	0	0	0	0	0	0	1
344 Conn Womens Ed & Legal Fd	1	0	0	0	0	0	0	0	0	0	0	1
345 Potential Reentry Opp Bus	1	0	0	0	0	0	0	0	0	0	0	1
346 Empowerment Program Svcs	1	0	0	0	0	0	0	0	0	0	0	1
347 Big Sisters of Philadelph	1	0	0	0	0	0	0	0	0	0	0	1
348 The Women's Project	1	0	0	0	0	0	0	0	0	0	0	1
349 Older Women's League	1	0	0	0	0	0	0	0	0	0	0	1
350 Colorado Org Adlscnt Preg	1	0	0	0	0	0	0	0	0	0	0	1
Total 1st 350 institutions	355,750	2,920	1,332	67,124	15,653	49,200	9,547	49,422	485	70,702	70,545	18,820

See explanatory information, if any, and SOURCE at end of table.

Table B-22. Federal obligations to other independent nonprofit institutions for research and development and R&D plant, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
351 Natl Assc Commissions Wm	1	0	0	0	0	0	0	0	0	0	0	1
352 Women's Rights Info Ctr	1	0	0	0	0	0	0	0	0	0	0	1
353 Coal Employment Project	1	0	0	0	0	0	0	0	0	0	0	1
354 Girls Club of Puget Sound	1	0	0	0	0	0	0	0	0	0	0	1
355 YWCA of Greater Milwaukee	1	0	0	0	0	0	0	0	0	0	0	1
356 Kaw Valley Girl Scouts	1	0	0	0	0	0	0	0	0	0	0	1
Total 1st 356 institutions	355,756	2,920	1,332	67,124	15,653	49,200	9,547	49,422	485	70,702	70,545	18,826

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-1. Federal obligations to universities and colleges, by type of activity and agency: fiscal years 1963-91

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD 1/	OEO	Ed 1/	DOE 2/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
Total all activities:																	
1963	1,413.0	104.0	1.8	218.0	NA	NA	76.1	NA	665.3	NA	4.0	NA	NA	87.4	256.3	NA	NA
1964	1,625.0	115.0	1.7	258.1	NA	NA	79.9	NA	780.0	NA	5.3	NA	NA	107.6	277.5	NA	NA
1965	2,305.5	135.6	2.6	267.9	NA	NA	84.4	NA	1,345.6	NA	9.7	NA	NA	134.3	325.2	NA	NA
1966	3,010.0	141.0	2.8	278.0	NA	NA	96.9	NA	1,952.2	NA	22.4	NA	NA	142.2	374.5	NA	NA
1967	3,317.7	144.8	7.9	264.1	NA	NA	109.6	NA	2,237.8	NA	27.4	NA	NA	131.5	394.5	NA	NA
1968	3,386.6	144.2	9.8	243.1	54.7	NA	119.7	NA	2,222.2	1.7	28.2	NA	6.6	129.8	422.8	NA	3.8
1969	3,462.4	155.9	3.9	278.7	60.4	NA	121.0	NA	2,302.4	1.1	24.3	10.0	10.4	127.2	367.0	NA	NA
1970	3,236.6	182.1	4.9	265.5	35.6	NA	114.5	NA	2,060.9	.6	27.7	10.9	5.2	131.2	387.4	NA	10.1
1971	3,498.6	214.6	9.7	249.0	37.5	NA	105.8	27.2	2,274.6	.7	22.6	19.1	5.2	134.1	387.7	NA	10.8
1972	4,144.7	238.6	26.0	243.9	30.0	NA	95.3	23.3	2,842.0	1.5	24.4	18.7	7.5	119.0	458.7	NA	15.9
1973	3,839.1	256.8	28.6	232.9	30.1	NA	96.2	27.7	2,576.3	.9	23.8	10.7	8.3	111.4	419.6	NA	15.9
1974	4,480.4	260.7	29.5	184.4	10.0	NA	99.5	30.9	3,250.4	2.9	23.8	19.9	7.2	98.9	449.6	NA	12.8
1975	4,547.2	290.7	26.4	190.5	NA	NA	124.3	38.8	3,207.9	2.3	28.8	12.4	5.5	108.0	490.5	.1	20.8
1976	5,402.8	328.6	39.1	211.9	NA	NA	144.1	33.0	3,964.3	1.4	28.2	13.5	4.5	116.9	496.3	3.3	15.7
1977	6,489.7	346.7	32.5	267.3	NA	NA	211.8	46.3	4,817.0	4.3	29.5	24.4	7.2	121.0	565.8	4.7	11.4
1978	7,471.8	394.8	35.9	452.3	NA	NA	269.7	55.8	5,403.8	10.5	44.0	28.1	12.6	130.5	607.1	8.8	17.8
1979 3/ ..	7,603.9	427.0	47.3	528.7	NA	NA	274.9	68.1	3,935.0	4.0	40.1	28.5	13.7	143.9	671.6	6.9	11.4
1980	8,298.8	448.4	52.2	555.9	NA	2,832.1	312.2	83.4	2,985.8	4.3	45.8	38.6	16.2	171.2	726.4	7.0	19.4
1981 3/ ..	8,640.9	495.6	51.8	748.2	NA	2,269.8	315.7	70.6	2,749.8	3.0	38.7	31.3	15.1	183.5	695.1	7.4	29.0
1982 3/ ..	8,777.0	532.1	40.6	873.1	NA	3,242.7	295.3	85.4	2,624.9	2.6	28.5	50.4	10.5	176.9	728.1	5.2	12.0
1983 3/ ..	9,344.6	570.0	51.0	954.9	NA	1,726.0	328.1	51.2	2,809.7	1.5	35.8	43.4	9.5	203.8	798.8	4.8	28.4
1984	10,039.5	611.6	106.0	965.7	NA	3,517.1	354.6	52.9	3,148.4	.4	45.8	56.3	7.1	216.6	935.6	4.9	16.6
1985	10,971.6	656.8	81.4	1,067.1	NA	3,518.7	454.7	66.1	3,672.1	.4	44.4	57.0	6.8	251.0	1,078.7	5.4	11.2
1986	11,619.2	624.2	70.3	1,214.0	NA	3,996.5	420.6	70.8	3,773.6	.3	50.8	44.3	6.5	270.3	1,055.8	3.8	17.3
1987	13,433.8	678.4	93.5	1,297.9	NA	4,850.8	475.1	74.3	4,453.0	.5	46.5	53.3	11.1	309.8	1,069.5	3.9	16.0
1988	14,066.5	746.8	87.3	1,385.8	NA	4,866.2	537.6	66.2	4,770.6	.1	53.1	48.5	10.9	363.7	1,102.0	3.6	24.2
1989	15,503.6	728.6	81.4	1,487.7	NA	5,378.9	566.0	85.8	5,204.6	**	68.2	65.3	9.2	461.9	1,336.2	4.3	25.4
1990	15,197.5	769.8	115.6	1,342.2	NA	4,678.6	557.0	93.6	5,500.8	.1	75.9	47.4	11.3	511.3	1,445.1	4.6	44.3
1991	17,414.8	876.2	135.6	1,729.6	NA	5,342.9	662.2	115.9	6,124.9	**	100.4	31.9	9.2	592.9	1,642.3	5.4	45.3
Total academic science & engineering:																	
1963	1,328.5	104.0	1.8	218.0	NA	NA	76.1	NA	581.0	NA	3.8	NA	NA	87.4	256.3	NA	NA
1964	1,528.6	115.0	1.7	258.1	NA	NA	79.9	NA	683.8	NA	5.1	NA	NA	107.6	277.5	NA	NA
1965	1,816.2	135.6	2.6	267.9	NA	NA	84.4	NA	856.5	NA	9.6	NA	NA	134.3	325.2	NA	NA
1966	2,163.5	141.0	2.8	278.0	NA	NA	96.9	NA	1,109.2	NA	19.1	NA	NA	142.2	374.5	NA	NA
1967	2,323.8	144.8	4.4	264.1	NA	NA	109.6	NA	1,251.0	NA	23.9	NA	NA	131.5	394.5	NA	NA
1968	2,349.8	144.2	8.0	243.1	12.5	NA	119.7	NA	1,229.4	1.7	28.2	NA	6.6	129.8	422.8	NA	3.7
1969	2,361.4	155.9	2.2	278.7	9.3	NA	121.0	NA	1,261.8	1.1	24.3	3.9	9.1	127.2	367.0	NA	NA
1970	2,187.6	182.1	3.9	265.5	18.9	NA	114.5	NA	1,036.7	.5	27.7	5.5	3.5	131.2	387.4	NA	10.1
1971	2,343.1	214.6	7.6	249.0	16.4	NA	105.8	27.2	1,142.3	.7	22.6	19.1	5.2	134.1	387.7	NA	10.8
1972	2,599.1	238.6	26.0	243.9	8.3	NA	95.3	23.3	1,318.4	1.5	24.3	18.7	7.3	119.0	458.7	NA	15.9
1973	2,464.4	256.8	28.4	232.9	8.7	NA	96.2	27.7	1,225.0	.9	23.7	10.7	6.3	111.4	419.6	NA	15.9
1974	2,737.0	260.7	29.4	184.4	4.1	NA	99.5	30.9	1,515.4	.6	23.8	19.9	7.1	98.9	449.6	NA	12.8
1975	2,805.8	290.7	25.8	190.5	NA	NA	124.3	38.8	1,467.3	2.3	28.8	12.4	5.5	108.0	490.5	**	20.8
1976	2,959.7	328.6	38.2	211.9	NA	NA	144.1	33.0	1,522.2	1.4	28.2	13.5	4.5	118.9	496.3	3.2	15.7
1977	3,351.3	343.2	32.5	267.3	NA	NA	208.1	46.3	1,686.5	4.3	29.5	24.4	7.2	121.0	565.8	4.5	10.9
1978	3,959.8	391.7	35.9	452.3	NA	NA	267.2	54.7	1,900.8	10.5	42.5	28.1	12.6	130.5	607.1	8.4	17.5
1979	4,472.7	422.5	47.3	528.7	NA	NA	273.9	66.7	2,216.0	4.0	40.1	28.5	11.1	143.9	671.6	6.9	11.4
1980	4,791.0	444.1	51.6	555.9	NA	48.0	309.6	81.5	2,281.1	4.3	42.4	38.6	10.3	171.2	726.4	7.0	19.1
1981	5,062.9	491.4	51.8	726.0	NA	56.1	310.4	67.5	2,363.6	3.0	34.2	31.3	12.9	183.5	695.1	7.4	28.5
1982	5,179.6	529.7	40.6	857.3	NA	35.6	288.2	83.8	2,332.8	2.6	28.3	50.4	8.4	176.9	728.1	5.0	12.0
1983	5,680.6	566.0	51.0	940.3	NA	34.9	320.0	50.3	2,602.2	1.5	32.0	43.4	6.4	203.8	798.8	4.7	25.4
1984	6,308.0	607.4	105.8	954.6	NA	43.6	348.4	51.9	2,934.1	.2	32.2	56.3	3.1	216.6	935.6	4.6	13.6
1985	7,257.9	652.8	81.2	1,061.1	NA	69.6	451.7	65.2	3,440.0	.2	33.1	57.0	3.4	251.0	1,078.7	5.4	7.6
1986	7,430.9	620.7	70.3	1,206.2	NA	74.0	420.5	70.8	3,536.0	.1	40.9	44.3	3.7	270.3	1,055.8	3.8	13.6
1987	8,567.3	674.7	88.8	1,278.5	NA	280.8	475.1	74.3	4,195.3	.1	39.4	53.3	8.3	309.8	1,069.5	3.9	15.3
1988	9,136.2	741.7	81.4	1,377.4	NA	255.6	536.2	66.2	4,486.2	.1	41.6	48.5	8.0	363.7	1,102.0	3.6	24.2
1989	10,074.6	721.7	74.0	1,486.4	NA	269.6	565.3	85.8	4,916.3	.0	56.2	65.3	6.5	461.9	1,336.2	4.3	25.1
1990	10,443.1	762.0	110.4	1,342.2	NA	260.1	556.1	93.6	5,198.4	.1	60.5	47.4	8.6	511.3	1,445.1	4.6	42.6
1991	11,814.5	867.4	121.9	1,539.2	NA	344.2	658.9	115.9	5,763.4	**	80.4	31.9	5.8	592.9	1,642.3	5.4	44.8

See explanatory information, if any, and SOURCE at end of table.

Table C-1. Federal obligations to universities and colleges, by type of activity and agency: fiscal years 1963-91

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD 1/	OEO	Ed 1/	DOE 2/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
Research and development:																	
1963	829.5	40.6	1.5	218.0	NA	NA	68.3	NA	332.9	NA	3.8	NA	NA	59.8	104.6	NA	NA
1964	975.6	47.5	1.1	258.1	NA	NA	70.5	NA	399.2	NA	5.0	NA	NA	78.2	115.8	NA	NA
1965	1,095.0	59.1	2.1	267.9	NA	NA	74.8	NA	441.9	NA	9.5	NA	NA	100.6	139.2	NA	NA
1966	1,252.1	62.9	2.1	278.0	NA	NA	83.2	NA	507.3	NA	18.7	NA	NA	107.4	192.5	NA	NA
1967	1,301.2	64.0	3.4	264.1	NA	NA	89.7	NA	577.0	NA	23.9	NA	NA	109.0	170.2	NA	NA
1968	1,398.3	62.2	6.7	243.1	12.5	NA	101.8	NA	619.1	1.0	27.8	NA	6.6	126.1	187.7	NA	3.7
1969	1,474.7	63.6	1.7	278.7	9.3	NA	103.1	NA	667.1	1.0	23.5	3.9	9.1	122.3	191.5	NA	NA
1970	1,446.6	67.4	3.2	265.5	18.9	NA	101.4	NA	614.9	.5	27.1	5.5	3.5	127.4	201.2	NA	10.1
1971	1,551.4	74.8	6.9	249.0	16.4	NA	95.9	17.0	695.7	.7	21.3	17.1	3.3	128.5	216.9	NA	8.0
1972	1,853.1	88.6	23.6	243.9	8.3	NA	86.8	17.7	879.3	1.5	23.0	13.5	7.3	112.4	334.7	NA	12.4
1973	1,870.7	93.8	24.9	232.9	8.7	NA	85.2	18.6	903.8	.9	22.2	8.4	5.0	102.6	348.5	NA	15.2
1974	2,085.2	96.7	26.6	184.4	3.4	NA	94.6	24.1	1,129.0	.6	22.2	18.4	5.6	92.0	376.1	NA	11.5
1975	2,246.1	110.5	22.2	190.5	NA	NA	119.2	33.8	1,205.2	2.3	27.2	8.3	4.0	100.2	404.6	.0	18.1
1976	2,431.0	124.2	29.0	211.9	NA	NA	138.1	29.3	1,296.2	1.4	25.7	10.7	3.0	106.8	436.6	3.2	14.9
1977	2,803.0	142.2	32.2	267.3	NA	NA	187.2	45.0	1,452.1	4.3	27.4	20.2	7.2	113.7	491.0	3.8	9.6
1978	3,385.8	175.3	35.0	452.3	NA	NA	251.1	51.1	1,657.6	10.5	34.3	24.9	12.6	124.7	531.5	8.4	16.4
1979	3,873.5	193.8	45.9	528.7	NA	NA	256.4	60.9	1,966.5	4.0	35.3	28.0	11.1	137.2	587.8	6.5	11.4
1980	4,160.5	211.8	50.4	555.9	NA	48.0	279.6	76.9	2,025.6	4.3	38.8	38.6	10.3	161.3	633.9	6.1	19.1
1981	4,410.9	241.4	51.1	700.5	NA	56.1	281.8	64.2	2,112.8	3.0	30.2	31.3	12.9	173.9	616.8	7.0	27.8
1982	4,554.5	256.5	39.7	813.7	NA	35.6	265.2	78.1	2,110.6	.5	21.5	50.4	8.4	167.7	689.8	5.0	11.7
1983	5,024.3	273.9	50.1	913.4	NA	34.9	296.6	45.3	2,360.3	1.1	20.8	43.4	6.4	189.4	759.1	4.7	25.1
1984	5,448.8	273.0	75.6	827.8	NA	43.6	317.1	47.3	2,681.4	.2	32.2	56.3	3.1	203.8	869.6	4.6	13.2
1985	6,246.2	300.4	79.7	908.9	NA	69.6	373.1	61.9	3,098.6	.2	32.9	57.0	3.4	237.3	1,011.1	4.9	7.2
1986	6,456.7	290.1	68.3	1,055.0	NA	72.2	346.9	67.9	3,212.1	.1	40.9	44.3	3.7	254.0	983.9	3.8	13.3
1987	7,241.0	296.0	87.6	1,098.9	NA	85.2	371.6	67.1	3,835.3	.1	39.4	53.3	8.3	293.6	987.5	3.9	13.2
1988	7,719.2	321.3	75.8	1,194.2	NA	69.6	407.6	64.1	4,128.3	.1	39.1	48.5	8.0	339.5	998.3	3.6	21.3
1989	8,522.6	336.0	66.0	1,220.6	NA	68.6	448.7	77.5	4,512.0	.0	52.8	65.3	6.5	435.7	1,206.6	4.3	21.9
1990	9,005.8	349.1	97.3	NA	NA	71.1	496.8	87.1	4,774.5	.1	57.8	47.4	8.6	470.7	1,304.8	4.6	39.2
1991	10,014.3	408.8	61.9	NA	NA	92.1	605.1	104.3	5,301.1	**	67.8	31.9	5.8	533.7	1,438.6	5.4	34.6
Research 4/:																	
1990	NA	NA	NA	720.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	840.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Development 4/:																	
1990	NA	NA	NA	476.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	482.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
R&D plant 1/:																	
1963	105.9	.0	.0	.0	NA	NA	2.6	NA	39.2	NA	.1	NA	NA	13.4	50.6	NA	NA
1964	100.8	.0	.0	.0	NA	NA	4.0	NA	39.9	NA	.0	NA	NA	9.1	47.8	NA	NA
1965	126.2	3.2	.0	.0	NA	NA	3.8	NA	54.8	NA	**	NA	NA	8.4	56.0	NA	NA
1966	114.8	2.0	.0	.0	NA	NA	7.4	NA	48.5	NA	.2	NA	NA	7.4	49.3	NA	NA
1967	111.3	2.0	.3	.0	NA	NA	13.8	NA	38.1	NA	.0	NA	NA	5.0	52.1	NA	NA
1968	96.1	1.9	.2	.0	.0	NA	11.9	NA	36.9	.0	.0	NA	.0	.0	45.3	NA	.0
1969	54.5	1.2	.0	.0	.0	NA	11.4	NA	20.5	.0	**	.0	.0	.0	21.4	NA	NA
1970	44.8	1.1	**	.0	.0	NA	7.1	NA	20.0	.0	.0	.0	.0	.0	16.5	NA	.0
1971	29.9	.0	.0	.0	.0	NA	4.8	.0	15.2	.0	.0	.0	.0	.2	9.7	NA	.0
1972	36.9	.0	.0	.0	.0	NA	4.1	.0	22.2	.0	.0	.0	.0	.6	10.0	NA	.0
1973	43.3	.0	.3	.0	.0	NA	5.6	.0	26.7	.0	.2	.0	.0	3.0	7.4	NA	.0
1974	29.0	.0	.0	.0	.0	NA	4.2	.0	14.5	.0	.0	.0	.0	.1	10.2	NA	.0
1975	44.8	.0	.0	.0	NA	NA	4.2	.0	22.9	.0	.0	.0	.0	.1	17.6	.0	.0
1976	23.9	.0	1.0	.0	NA	NA	5.6	.0	11.4	.0	.0	.0	.0	.1	5.9	.0	.0
1977	36.5	.0	.0	.0	NA	NA	17.5	.0	11.1	.0	.0	.0	.0	**	7.3	.0	.5
1978	34.3	.0	.0	.0	NA	NA	13.4	**	9.9	.0	.0	.0	.0	.0	11.0	.0	**
1979	32.1	.0	.0	.0	NA	NA	9.1	.0	7.5	.0	.0	.5	.0	.2	14.7	.0	.0
1980	37.8	.0	.0	.0	NA	.0	20.6	.0	4.4	.0	.0	.0	.0	.2	12.6	.0	.0
1981	27.7	.0	.0	1.1	NA	.0	19.6	.0	2.0	.0	.0	.0	.0	.1	4.9	.0	.0
1982	31.2	.0	.0	.5	NA	.0	18.8	1.4	5.4	.0	.0	.0	.0	.2	4.9	.0	.0
1983	37.5	9.6	.0	.0	NA	.0	17.2	.1	1.5	.0	.0	.0	.0	1.5	7.7	.0	.0
1984	49.8	9.6	.0	.0	NA	.0	29.5	.1	.7	.0	.0	.0	.0	.3	9.7	.0	.0
1985	113.9	9.6	.0	**	NA	.0	77.7	.1	11.4	.0	.0	.0	.0	.2	14.9	.0	.0
1986	105.8	9.1	1.2	.0	NA	1.8	73.0	.0	4.2	.0	.0	.0	.0	.4	16.0	.0	.0
1987	229.9	65.4	.1	.0	NA	49.2	102.9	.0	4.2	.0	.0	.0	.0	.6	7.4	.0	.0

See explanatory information, if any, and SOURCE at end of table.

Table C-1. Federal obligations to universities and colleges, by type of activity and agency: fiscal years 1963-91

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD 1/	OEO	Ed 1/	DOE 2/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
R&D plant 1/ (continued):																	
1988	202.9	68.0	.0	.0	NA	1.3	127.7	.0	.0	.0	.0	.0	.0	.6	5.4	.0	.0
1989	237.0	31.1	1.2	57.9	NA	1.3	115.5	.0	22.0	.0	.0	.0	.0	1.2	6.7	.0	.0
1990	124.8	45.1	.1	.0	NA	.0	57.2	.0	13.7	.0	.0	.0	.0	1.3	7.5	.0	.0
1991	151.7	58.3	.3	14.7	NA	2.1	41.3	.0	25.5	.0	.0	.0	.0	.8	8.8	.0	.0
Facilities for instruction:																	
1971 5/	28.7	.3	.0	.0	.0	NA	2.3	.0	13.9	.0	.1	.0	.0	.0	12.1	NA	.0
1972	26.3	.5	.0	.0	.0	NA	1.9	.0	20.9	.0	.0	.0	.0	.0	3.0	NA	.0
1973	13.4	.0	.0	.0	.0	NA	2.3	.0	9.4	.0	.1	.0	.0	.0	1.6	NA	.0
1974	3.5	.0	.0	.0	.0	NA	.0	.0	.4	.0	**	.0	.0	.0	3.1	NA	.0
1975	5.0	.0	.1	.0	NA	NA	.0	.0	4.9	.0	.0	.0	.0	.0	**	.0	.0
1976	3.2	.0	.3	.0	NA	NA	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0
1977	3.3	.0	.0	.0	NA	NA	.4	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0
1978	4.9	.0	.0	.0	NA	NA	1.3	.0	.0	.0	**	.0	.0	.0	3.5	.0	.0
1979	6.7	.0	.0	.0	NA	NA	3.5	.0	.0	.0	.0	.0	.0	.0	3.2	.0	.0
1980	3.8	.0	.0	.0	NA	.0	.9	.1	.0	.0	.0	.0	.0	.0	2.8	.0	.0
1981	4.6	.0	.0	.2	NA	.0	1.1	**	.0	.0	.0	.0	.0	.0	3.2	.0	.0
1982	.8	.0	.0	**	NA	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1983	2.5	.0	.0	**	NA	.0	2.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
1984	1.9	.0	1.6	.3	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1985	4.9	.0	.0	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	.1	.0
1986	5.0	.0	.0	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	.0
1987	13.7	.0	.0	.0	NA	5.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	.0	.0
1988	13.3	.0	2.5	.0	NA	.0	.0	.0	.0	.0	.4	.0	.0	.0	10.4	.0	.0
1989	16.9	.0	1.6	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.3	.0	.0
1990	19.2	.0	4.5	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.7	.0	.0
1991	32.7	.0	4.7	**	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.8	.0	6.2
Fellowships, traineeships, & training grants:																	
1966 5/	365.6	NA	.0	NA	NA	NA	3.2	NA	289.9	NA	.0	NA	NA	25.0	47.5	NA	NA
1967	447.2	NA	.0	NA	NA	NA	3.7	NA	379.2	NA	.0	NA	NA	15.0	49.4	NA	NA
1968	440.9	NA	.0	NA	.0	NA	3.6	NA	387.0	NA	.0	NA	.0	.9	49.4	NA	.0
1969	436.3	NA	.0	NA	.0	NA	5.5	NA	375.7	NA	.0	NA	.0	1.3	53.8	NA	NA
1970	429.4	NA	.0	NA	.0	NA	5.0	NA	369.6	NA	.0	NA	.0	2.1	52.7	NA	.0
1971	421.0	.0	**	.0	.0	NA	2.6	10.1	361.4	.0	**	.0	.6	1.0	42.3	NA	2.8
1972	387.9	.0	.4	.0	.0	NA	2.0	5.6	346.6	.0	.0	.0	.0	1.1	28.8	NA	3.5
1973	287.2	.0	.6	.0	.0	NA	2.3	9.2	256.8	.0	.0	.0	.0	1.3	16.4	NA	.7
1974	326.6	.0	**	.0	.7	NA	.5	6.8	301.5	.0	.0	.0	.0	1.2	14.4	NA	1.3
1975	201.3	.0	**	.0	NA	NA	.7	5.0	181.7	.0	.0	.0	.0	1.3	9.7	.0	2.7
1976	174.9	.0	.0	.0	NA	NA	.1	3.6	155.6	.0	.0	.0	.0	1.3	13.4	**	.8
1977	184.7	.0	.0	.0	NA	NA	.2	1.3	165.9	.0	.0	.0	.0	1.4	14.8	.1	.8
1978	205.9	.0	0	.0	NA	NA	.7	3.6	184.2	.0	3.2	.6	.0	1.3	11.7	**	.6
1979	204.9	.0	.0	.0	NA	NA	1.9	4.5	182.3	.0	.3	.0	.0	1.8	14.1	.0	.0
1980	210.1	.0	.0	.0	NA	.0	.0	4.5	187.6	.0	1.4	.0	.0	2.8	13.8	.0	.0
1981	205.4	.0	.0	.0	NA	.0	.0	2.4	183.5	.0	.9	.0	.0	3.7	14.8	.1	.0
1982	176.6	.0	.0	.0	NA	.0	.3	2.5	151.9	.0	.0	.0	.0	4.2	17.5	.0	.4
1983	189.6	.2	.2	.7	NA	.0	.2	2.6	164.0	.0	.0	.0	.0	5.2	16.2	.0	.3
1984	194.9	.2	.1	.0	NA	.0	.6	1.8	164.6	.0	.0	.0	.0	5.3	21.8	.0	.4
1985	253.1	7.0	.1	.8	NA	.0	.4	2.1	210.9	.0	.0	.0	.0	5.6	25.8	.0	.4
1986	246.2	4.7	.0	.5	NA	.0	.6	2.8	204.3	.0	.0	.0	.0	7.9	25.2	.0	.2
1987	290.9	4.7	.6	2.3	NA	11.8	.6	1.8	232.5	.0	.0	.0	.0	8.7	27.7	.0	.2
1988	309.3	4.6	2.6	1.5	NA	13.5	.7	2.0	239.3	.0	.0	.0	**	15.8	29.2	.0	.0
1989	340.5	4.6	1.2	.1	NA	22.9	.9	8.3	256.2	.0	.0	.0	**	13.0	33.0	.0	.2
1990	393.8	7.8	.7	.1	NA	28.5	1.6	3.5	288.9	.0	**	.0	.0	21.7	41.0	.0	.1
1991	472.9	10.9	3.9	1.2	NA	53.5	12.4	8.0	311.5	.0	.0	.0	.0	36.3	34.5	.0	.6

See explanatory information, if any, and SOURCE at end of table.

Table C-1. Federal obligations to universities and colleges, by type of activity and agency: fiscal years 1963-91

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD 1/	OEO	Ed 1/	DOE 2/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
General support for science & engineering:																	
1971 5/	99.7	.0	.2	.0	.0	NA	.0	.0	40.2	.0	1.1	.0	1.2	.0	56.9	NA	.0
1972	83.3	.0	1.5	.0	.0	NA	.0	.0	40.7	.0	1.2	5.2	.0	.0	34.7	NA	.0
1973	39.0	.0	.0	.0	.0	NA	.0	.0	20.2	.0	1.3	2.3	.9	.0	14.2	NA	.0
1974	87.0	.0	.5	.0	.0	NA	.0	.0	64.2	.0	1.6	1.5	1.4	.0	17.8	NA	.0
1975	46.4	.0	1.8	.0	NA	NA	.0	.0	37.3	.0	1.6	4.2	1.5	.0	.0	.0	.0
1976	74.5	.0	4.4	.0	NA	NA	.0	.0	41.8	.0	2.4	2.8	1.5	.0	21.6	.0	.0
1977	75.9	.0	.0	.0	NA	NA	2.5	.0	42.0	.0	1.8	4.1	.0	.0	24.8	.7	.0
1978	74.4	.0	.0	.0	NA	NA	.3	.0	45.0	.0	5.0	.0	.0	.0	23.8	.0	.3
1979	92.5	4.7	.0	.0	NA	NA	**	1.3	52.8	.0	4.4	.0	.0	.0	29.4	.0	.0
1980	91.5	.0	.0	.0	NA	.0	5.6	.0	60.1	.0	2.3	.0	.0	.0	23.2	.4	.0
1981	92.7	.0	.0	7.1	NA	.0	.0	.9	60.0	.0	3.1	.0	.0	.0	21.0	.0	.7
1982	80.1	.0	.0	4.8	NA	.0	**	1.7	61.3	2.0	6.8	.0	.0	.0	3.5	.0	.0
1983	94.8	.0	.0	3.2	NA	**	3.7	1.6	73.6	.4	11.2	.0	.0	.0	1.2	.0	.0
1984	112.6	.0	20.3	3.7	NA	.0	.6	2.7	83.9	.0	.0	.0	.0	.0	1.5	.0	.0
1985	119.2	.0	**	1.8	NA	.0	.4	1.1	112.5	.0	.3	.0	.0	.0	3.0	.0	.0
1986	111.1	.0	**	2.1	NA	.0	.0	.0	106.1	.0	.0	.0	.0	.0	2.8	.0	.0
1987	236.9	.0	.0	5.9	NA	108.1	.0	4.3	113.1	.0	.0	.0	.0	.0	5.5	.0	.0
1988	171.8	.0	.0	2.5	NA	54.8	.2	.0	109.0	.0	2.1	.0	.0	.0	3.4	.0	.0
1989	197.7	.0	.0	1.8	NA	80.2	.0	.0	109.5	.0	3.3	.0	.0	.0	2.9	.0	.0
1990	143.9	.0	1.0	.0	NA	30.1	.5	3.1	102.2	.0	2.7	.0	.0	.0	4.3	.0	.0
1991	192.6	.0	29.4	.0	NA	31.8	.2	3.5	108.7	.0	12.5	.0	.0	.0	6.4	.0	.0
Other science & engineering activities:																	
1963	393.1	63.4	.3	.0	NA	NA	5.3	NA	208.9	NA	**	NA	NA	14.1	101.1	NA	NA
1964	452.2	67.5	.6	.0	NA	NA	5.4	NA	244.6	NA	**	NA	NA	20.2	113.9	NA	NA
1965	595.0	73.3	.5	.0	NA	NA	5.9	NA	359.8	NA	**	NA	NA	25.4	130.1	NA	NA
1966	431.0	76.1	.7	.0	NA	NA	3.1	NA	263.4	NA	.2	NA	NA	2.3	85.2	NA	NA
1967	464.0	78.8	.7	.0	NA	NA	2.5	NA	256.7	NA	**	NA	NA	2.4	122.8	NA	NA
1968	414.5	80.1	1.0	.0	.0	NA	2.5	NA	186.4	.7	.4	NA	.0	2.8	140.5	NA	**
1969	395.9	91.1	.5	**	.0	NA	1.0	NA	198.4	.1	.9	.0	.0	3.7	100.2	NA	NA
1970	266.8	113.5	.7	**	.0	NA	1.0	NA	32.2	.0	.6	.0	.0	1.7	117.0	NA	.0
1971	212.4	139.5	.5	.0	.0	NA	.3	.0	15.9	.0	.0	2.0	.1	4.2	49.9	NA	.0
1972	211.6	149.5	.6	.0	.0	NA	.5	.0	8.6	.0	.0	.0	.0	4.9	47.5	NA	.0
1973	210.8	163.0	2.7	.0	.0	NA	.8	.0	8.0	.0	.0	.0	.4	4.5	31.4	NA	.0
1974	205.7	164.0	2.2	.0	.0	NA	.2	.0	5.7	.0	.0	.0	.0	5.7	27.9	NA	.0
1975	262.3	180.2	1.7	.0	NA	NA	.1	.0	15.3	.0	.0	.0	**	6.4	58.6	**	.0
1976	252.2	204.4	3.6	.0	NA	NA	.3	.0	17.1	.0	.1	.0	.0	10.7	16.0	.0	.0
1977	248.0	201.0	.3	.0	NA	NA	.3	.0	15.4	.0	.3	.0	.0	5.9	24.9	.0	.0
1978	254.5	216.4	.9	.0	NA	NA	.3	.0	4.1	.0	.0	2.6	.0	4.4	25.6	.0	.2
1979	263.0	224.0	1.5	.0	NA	NA	3.0	.1	6.9	.0	.0	.0	.0	4.7	22.4	.4	.0
1980	287.2	232.3	1.2	.0	NA	.0	2.8	.0	3.4	.0	.0	.0	.0	6.9	40.2	.5	.0
1981	321.5	250.0	.7	17.1	NA	.0	7.9	**	5.3	.0	**	.0	.0	5.7	34.4	.4	**
1982	336.4	273.2	.8	38.2	NA	.0	3.1	.2	3.6	**	.0	.0	.0	4.8	12.4	.0	.0
1983	331.8	282.3	.6	22.9	NA	.0	**	.5	2.8	.1	**	.0	.0	7.8	14.8	.0	.0
1984	500.1	324.7	8.2	122.8	NA	.0	.7	**	3.5	.0	.0	.0	**	7.1	33.0	.0	.0
1985	520.5	335.7	1.4	149.5	NA	.0	.1	.0	6.5	.0	.0	.0	**	7.9	19.0	.3	**
1986	506.0	316.8	.8	148.5	NA	.0	**	.0	9.1	.0	.0	.0	.0	7.9	22.9	.0	**
1987	554.8	308.6	.6	171.4	NA	21.4	.0	1.1	10.3	.0	.0	.0	.0	6.9	32.7	.0	1.8
1988	719.6	347.9	.5	179.3	NA	116.4	.0	.0	9.6	.0	.0	.0	.0	7.8	55.3	.0	2.9
1989	759.9	349.9	3.8	206.1	NA	96.6	.1	.0	16.5	.0	.0	.0	.0	12.0	71.8	.0	3.1
1990	755.5	360.0	6.8	145.2	NA	130.4	.0	.0	19.2	.0	.0	.0	.0	17.5	73.0	.0	3.3
1991	950.4	389.4	21.8	200.2	NA	164.6	.0	.1	16.6	.0	.1	.0	.0	22.1	132.1	.0	3.5

See explanatory information, if any, and SOURCE at end of table.

BEST COPY AVAILABLE

Table C-1. Federal obligations to universities and colleges, by type of activity and agency: fiscal years 1963-91

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD 1/	OEO	Ed 1/	DOE 2/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
Non-science & engineering activities:																	
1963	84.5	.0	0	0	NA	NA	.0	NA	84.3	NA	.2	NA	NA	.0	.0	NA	NA
1964	96.4	.0	0	.0	NA	NA	.0	NA	96.2	NA	.2	NA	NA	.0	.0	NA	NA
1965	489.3	**	0	0	NA	NA	.0	NA	489.1	NA	.1	NA	NA	.0	.0	NA	NA
1966	846.4	**	.0	0	NA	NA	.0	NA	843.1	NA	3.4	NA	NA	.0	.0	NA	NA
1967	993.9	**	3.5	0	NA	NA	.0	NA	986.8	NA	3.5	NA	NA	.0	.0	NA	NA
1968	1,036.8	.0	1.8	.0	42.2	NA	.0	NA	992.8	.0	.0	NA	.0	.0	.0	NA	.1
1969	1,101.0	.0	1.8	**	51.1	NA	.0	NA	1,040.6	**	.0	6.1	1.3	.0	.0	NA	NA
1970	1,049.0	.0	1.0	**	16.7	NA	.0	NA	1,024.2	**	.0	5.4	1.7	.0	.0	NA	.0
1971	1,155.5	.0	2.0	.0	21.1	NA	.0	.0	1,132.3	.0	**	.0	.0	.0	.0	NA	.0
1972	1,545.6	.0	.0	.0	21.7	NA	.0	.0	1,523.5	.0	.1	.0	.2	.0	.0	NA	.0
1973	1,374.7	.0	1	.0	21.3	NA	**	.0	1,351.2	.0	.1	.0	2.0	.0	.0	NA	.0
1974	1,743.4	.0	1	.0	5.9	NA	.0	.0	1,735.0	2.2	.0	.0	.1	.0	.0	NA	.0
1975	1,741.4	.0	7	.0	NA	NA	.0	.0	1,740.6	.0	**	.0	.0	.0	.0	.1	.0
1976	2,443.1	.0	9	.0	NA	NA	.0	.0	2,442.1	.0	.1	.0	.0	.0	.0	**	.0
1977	3,138.4	3.5	0	.0	NA	NA	3.7	.0	3,130.5	.0	.0	.0	.0	.0	.0	.2	.5
1978	3,512.0	3.2	.0	.0	NA	NA	2.5	1.1	3,503.1	.0	1.5	.0	.0	.0	.0	.4	.2
1979 3/ ..	3,131.2	4.5	0	.0	NA	NA	1.0	1.4	1,719.1	.0	.0	.0	2.6	.0	.0	**	.0
1980	3,507.8	4.3	6	.0	NA	2,784.0	2.7	1.9	704.7	.0	3.3	.0	5.9	.0	.0	**	.3
1981 3/ ..	3,578.1	4.2	0	22.2	NA	2,213.8	5.3	3.1	386.2	.0	4.5	.0	2.2	.0	.0	**	.5
1982 3/ ..	3,597.4	2.4	0	15.8	NA	3,207.1	7.1	1.6	292.1	.0	.2	.0	2.1	.0	.0	.2	.0
1983 3/ ..	3,664.0	4.0	.0	14.6	NA	1,691.1	8.1	.9	207.5	.0	3.9	.0	3.1	.0	.0	.1	3.0
1984	3,731.5	4.2	.2	11.1	NA	3,473.4	6.2	1.0	214.3	.2	13.5	.0	3.9	.0	.0	.3	3.0
1985	3,713.7	4.0	.2	6.0	NA	3,449.1	3.0	.9	232.1	.2	11.3	.0	3.4	.0	.0	.0	3.6
1986	4,188.4	3.5	.0	7.8	NA	3,922.5	**	.0	237.7	.2	10.0	.0	2.8	.0	.0	.0	3.8
1987	4,866.5	3.7	4.7	19.4	NA	4,570.0	**	.0	257.7	.3	7.1	.0	2.9	.0	.0	.0	.8
1988	4,930.3	5.1	6.0	8.4	NA	4,610.6	1.4	.0	284.4	.0	11.6	.0	2.9	.0	.0	.0	.0
1989	5,429.0	6.9	7.4	1.3	NA	5,109.3	.7	.0	288.4	**	12.0	.0	2.7	.0	.0	.0	.3
1990	4,754.4	7.7	5.3	.0	NA	4,418.4	.8	.0	302.4	**	15.5	.0	2.7	.0	.0	.0	1.7
1991	5,600.2	8.7	13.6	190.4	NA	4,998.8	3.3	.0	361.5	.0	20.0	.0	3.4	.0	.0	.0	.4

1/ See Technical Notes, "Scope of Survey."

2/ Data shown for fiscal years 1963-74 and fiscal years 1975-77 represent obligations of the Atomic Energy Commission and the Energy Research and Development Administration, respectively.

3/ The total figures for "total" obligations and "non-science and engineering" obligations were estimated on the basis of revised data from the Department of Education. The data reported under the Department of Education columns for "total" and "non-science and engineering" obligations, however, were not revised because new detail was not available for individual institutions.

4/ Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments.

5/ Data collected before this year are not separately identified but are included under "Other science & engineering activities."

NOTE: Note that some trend shifts are related to institutional reclassification. As of 1978, two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are thus included in the academic figures for 1978-91, but excluded for prior years. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology as of fiscal year 1974 to become an independent nonprofit institution; academic data shown for 1963-73 include Draper Laboratories, whereas those for 1974-91 do not.

KEY:
- AID = Agency for International Development
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- DOT = Department of Transportation
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- HUD = Department of Housing and Urban Development
- Int = Department of the Interior
- NA = Not available
- NASA = National Aeronautics and Space Administration
- NRC = Nuclear Regulatory Commission
- NSF = National Science Foundation
- OEO = Office of Economic Opportunity
- USDA = U.S. Department of Agriculture
- ** = Amount less than $50,000

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-2. Federal obligations to universities and colleges, by geographic division and State: fiscal years 1984-91

[Dollars in thousands]

Geographic division and State	1984	1985	1986	1987	1988	1989	1990	1991
United States, total	10,039,468	10,971,593	11,619,243	13,433,783	14,066,480	15,503,629	15,197,512	17,414,781
New England, total	966,950	1,056,037	1,088,619	1,174,983	1,206,431	1,321,470	1,322,784	1,484,163
Connecticut	181,372	206,377	197,087	231,719	231,478	248,533	244,813	266,051
Maine	37,740	35,021	37,829	42,533	38,712	45,750	43,461	47,358
Massachusetts	603,339	665,491	691,989	724,731	742,505	839,682	829,800	926,556
New Hampshire	36,771	41,580	44,557	55,356	53,292	55,679	70,235	82,366
Rhode Island	62,053	66,828	73,428	72,131	77,967	78,324	81,884	96,206
Vermont	45,675	40,740	43,729	48,513	62,477	53,502	52,591	65,626
Middle Atlantic, total	1,604,269	1,740,096	1,814,007	2,129,924	2,314,463	2,330,406	2,291,112	2,636,537
New Jersey	153,243	162,619	171,673	187,917	204,581	224,745	230,188	262,624
New York	963,879	1,027,688	1,055,110	1,297,802	1,367,822	1,342,319	1,278,195	1,428,796
Pennsylvania	487,147	549,789	587,224	644,205	742,060	763,342	782,729	945,117
East North Central, total	1,424,973	1,566,685	1,645,494	1,911,264	1,910,221	2,187,914	2,136,859	2,468,550
Illinois	389,210	451,905	464,929	565,116	541,870	604,137	570,175	636,969
Indiana	191,087	205,299	208,978	216,780	219,807	256,735	271,269	322,053
Michigan	306,049	310,407	329,715	408,922	433,177	504,247	475,492	554,145
Ohio	310,416	343,214	372,105	410,374	412,776	461,694	489,477	577,107
Wisconsin	228,211	255,860	269,767	310,072	302,591	361,101	330,446	378,276
West North Central, total	695,600	756,245	809,974	951,665	970,064	1,105,342	1,052,921	1,211,062
Iowa	126,339	137,393	151,369	187,190	196,382	220,887	199,045	225,592
Kansas	75,766	91,090	87,016	115,017	113,502	128,654	104,277	130,742
Minnesota	176,973	194,911	215,114	237,634	240,476	295,934	264,458	304,244
Missouri	185,121	194,242	209,222	244,417	254,409	284,354	288,185	323,817
Nebraska	59,508	63,329	65,148	78,139	74,875	80,646	78,323	100,068
North Dakota	39,129	39,577	42,262	44,556	54,401	50,960	75,007	79,088
South Dakota	32,764	35,703	39,843	44,712	36,019	43,907	43,626	47,511
South Atlantic, total	1,853,476	1,992,488	2,097,238	2,423,831	2,604,199	2,828,185	2,762,589	3,193,741
Delaware	22,787	22,676	21,826	23,802	27,618	29,704	31,393	36,985
District of Columbia	298,112	306,263	292,741	307,618	307,405	309,452	325,621	355,473
Florida	207,064	215,260	238,537	311,472	358,838	396,804	347,463	430,172
Georgia	200,224	215,878	244,230	277,269	306,229	317,807	298,295	378,082
Maryland	523,864	573,326	602,952	691,090	761,456	804,615	803,123	870,830
North Carolina	293,593	312,939	330,537	395,400	412,890	473,274	466,301	534,478
South Carolina	88,714	102,681	107,436	137,818	126,927	136,683	120,687	151,808
Virginia	171,182	196,052	205,191	221,963	233,223	281,204	297,852	342,508
West Virginia	47,936	47,413	53,788	57,399	69,613	78,642	71,854	93,405
East South Central, total	534,940	578,076	637,408	739,605	755,894	818,676	845,157	972,519
Alabama	177,720	187,290	221,934	251,515	249,118	262,716	280,311	328,938
Kentucky	99,680	111,787	115,801	119,942	124,852	144,745	144,244	167,503
Mississippi	86,582	90,461	99,653	144,632	146,500	157,578	144,445	157,691
Tennessee	170,958	188,538	200,020	223,516	235,424	253,637	276,157	318,387
West South Central, total	728,834	804,209	862,889	1,028,310	1,131,628	1,285,890	1,224,761	1,440,533
Arkansas	58,480	62,892	66,562	74,954	84,001	97,141	100,897	124,118
Louisiana	124,840	138,287	151,017	172,732	199,174	254,787	222,018	273,413
Oklahoma	79,334	91,892	98,231	117,163	127,973	127,343	132,103	159,219
Texas	466,180	511,138	547,079	663,461	720,480	806,619	769,743	883,783
Mountain, total	544,124	583,843	615,353	725,130	783,767	898,091	906,614	1,063,270
Arizona	100,477	113,011	113,918	153,147	163,702	186,363	175,344	199,448
Colorado	154,088	167,710	171,849	205,268	230,491	248,105	257,058	300,486
Idaho	31,163	22,884	23,242	31,917	39,011	49,910	41,735	57,715
Montana	23,397	25,361	28,611	37,488	34,262	40,921	44,686	52,384
Nevada	14,907	18,284	19,692	25,893	20,986	27,383	35,677	33,046
New Mexico	102,783	101,449	120,338	109,082	110,641	126,652	127,635	165,150
Utah	97,097	112,771	124,664	142,526	163,120	194,328	204,543	231,720
Wyoming	20,212	22,373	13,039	19,809	21,554	24,429	19,936	23,321
Pacific, total	1,484,992	1,659,769	1,774,161	2,050,783	2,138,490	2,465,520	2,390,177	2,639,680
Alaska	18,093	18,500	24,498	22,524	23,955	24,845	33,240	35,143
California	1,056,025	1,200,802	1,271,140	1,471,977	1,540,181	1,769,300	1,726,479	1,887,307
Hawaii	38,299	50,421	47,676	58,671	58,779	84,753	71,165	83,720
Oregon	125,405	126,494	158,692	195,602	181,597	214,803	181,678	211,371
Washington	247,170	263,552	272,155	302,009	333,978	371,819	377,615	422,139

See explanatory information, if any, and SOURCE at end of table.

Table C-2. Federal obligations to universities and colleges, by geographic division and State: fiscal years 1984-91

[Dollars in thousands]

Geographic division and State	1984	1985	1986	1987	1988	1989	1990	1991
Outlying areas, total	201,310	234,145	274,100	298,288	251,323	262,135	264,538	304,726
Guam	2,443	6,153	5,711	11,105	4,203	4,530	4,150	4,359
Puerto Rico	191,938	219,555	259,211	278,117	240,524	250,706	250,141	289,747
American Samoa	2,021	625	810	1,169	768	921	1,555	1,727
Virgin Islands	1,713	2,768	2,009	4,942	3,093	3,040	3,299	3,492
Trust Territory Pac Isl	3,195	5,044	6,359	2,955	2,735	2,938	5,393	5,401

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-3. Federal obligations to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1991: fiscal years 1984-91

[Dollars in thousands]

Institution	1984	1985	1986	1987	1988	1989	1990	1991
Total, all institutions	10,039,468	10,971,593	11,619,243	13,433,783	14,066,480	15,503,629	15,197,512	17,414,781
1 Johns Hopkins University	401,466	448,068	465,453	528,442	592,176	612,128	613,620	657,225
2 University of Washington	171,963	183,352	178,210	202,073	220,260	246,883	262,891	294,482
3 Stanford University	179,149	203,707	201,452	225,369	236,933	272,100	280,404	268,088
4 Mass Inst of Technology	195,255	213,214	212,360	210,327	214,557	236,632	247,620	263,306
5 University of Michigan	116,566	133,679	135,186	162,681	175,968	198,199	210,203	238,443
6 Univ of Cal Los Angeles	132,382	151,180	149,345	174,488	182,461	200,090	205,839	229,566
7 Cornell University	133,136	155,831	160,138	169,259	193,134	192,077	196,461	213,626
8 Univ of Wis-Madison	122,577	148,703	143,693	160,121	157,101	178,913	183,394	213,442
9 University of Minnesota	118,581	142,497	138,970	160,994	162,999	203,183	181,642	210,856
10 Univ of Cal San Diego	117,426	117,937	147,381	167,637	156,084	184,066	182,914	202,857
Total 1st 10 institutions	1,688,501	1,898,168	1,932,188	2,161,391	2,291,673	2,524,271	2,564,988	2,791,891
11 Univ of Pennsylvania	114,865	126,523	124,316	130,713	142,796	158,337	169,378	201,356
12 Pennsylvania State Univ	100,189	111,342	123,818	132,192	164,692	166,581	184,632	200,467
13 Univ of Cal San Francisco	97,959	114,634	119,318	144,658	164,996	177,273	186,228	197,031
14 Harvard University	120,891	131,790	133,226	152,077	151,591	171,316	175,289	193,006
15 Howard University	180,733	163,879	169,084	166,784	168,947	175,594	186,344	191,540
16 University of Pittsburgh	65,019	76,163	79,116	89,070	101,669	115,365	147,096	185,173
17 Yale University	118,641	133,756	129,700	152,379	154,714	168,338	164,044	178,414
18 Univ of Cal Berkeley	104,518	129,841	126,380	122,112	135,373	164,358	153,853	168,621
19 University of Colorado	80,075	90,793	92,702	109,561	130,414	130,430	142,356	166,735
20 Columbia Univ Main Div	129,054	155,971	157,769	157,970	165,157	178,910	181,551	164,680
Total 1st 20 institutions	2,800,445	3,132,860	3,187,617	3,518,907	3,772,022	4,130,773	4,255,759	4,638,914
21 Univ of Southern Cal	97,476	102,542	112,170	120,928	117,569	134,061	144,022	162,790
22 Duke University	72,234	81,712	81,777	98,594	105,453	122,679	131,020	149,091
23 Washington University	71,421	82,607	83,777	102,795	111,144	120,764	134,042	144,569
24 Univ of NC at Chapel Hill	64,344	73,431	80,459	92,141	97,362	117,390	123,969	139,795
25 Univ of Ill Urbana	84,873	99,423	104,040	138,694	112,090	120,910	121,160	137,270
26 University of Rochester	70,238	81,073	80,507	96,567	105,445	111,435	115,415	131,293
27 University of Arizona	59,849	67,080	67,009	87,546	90,728	104,241	115,173	124,668
28 Ohio State University	79,524	87,341	96,119	95,516	93,213	105,318	108,898	120,030
29 University of Chicago	79,112	83,957	83,262	95,144	99,707	105,402	105,790	119,179
30 Indiana University	60,298	65,013	70,589	75,887	75,562	83,969	100,284	115,868
Total 1st 30 institutions	3,539,814	3,957,039	4,047,326	4,522,719	4,780,295	5,256,942	5,455,532	5,983,467
31 LA State Univ System	47,207	56,926	54,065	63,203	80,586	85,408	89,406	115,803
32 Univ of Texas at Austin	69,028	78,729	77,483	81,014	89,941	87,717	107,922	107,882
33 Univ Alabama Birmingham	50,978	59,373	60,210	75,304	74,711	85,566	88,915	106,807
34 New York University	69,904	89,244	82,870	91,528	96,781	96,278	92,792	106,461
35 University of Iowa	61,244	70,326	68,092	79,871	89,648	94,237	93,976	104,459
36 Case Western Reserve Univ	51,442	56,465	57,817	65,418	72,836	79,997	82,731	101,150
37 Univ of Cal Davis	47,593	52,247	54,182	61,667	68,184	76,787	84,882	100,155
38 University of Utah	56,451	63,837	69,102	71,609	72,742	84,810	81,755	100,128
39 Univ of Mass	42,340	66,555	70,866	77,850	85,523	92,132	90,580	99,756
40 University of Florida	64,740	72,675	74,267	75,850	79,346	85,812	83,657	99,483
Total 1st 40 institutions	4,100,741	4,623,416	4,716,280	5,266,033	5,590,593	6,125,686	6,352,148	7,025,551
41 Michigan State University	68,541	72,795	74,979	76,270	79,119	87,914	90,580	97,135
42 Univ of MD College Park	51,767	64,646	67,514	62,327	72,963	78,765	83,268	95,043
43 Georgia Institute of Tech	47,528	56,148	58,976	68,073	77,121	75,759	57,086	94,779
44 Texas A & M University	54,738	62,003	61,920	61,776	71,401	77,655	81,898	93,017
45 Vanderbilt University	41,307	47,096	50,141	62,124	67,772	74,100	82,595	92,481
46 Purdue University	65,750	75,413	67,307	71,346	71,636	92,160	89,923	92,339
47 Baylor Col of Medicine	42,454	49,670	51,412	59,609	67,648	74,640	78,235	90,272
48 California Inst of Tech	51,893	58,499	63,519	60,845	70,498	76,974	77,647	90,105
49 University of Miami	39,423	47,726	49,347	65,227	73,064	75,381	79,896	89,705
50 Boston University	53,038	59,387	66,327	67,080	76,159	75,686	75,581	86,658
Total 1st 50 institutions	4,617,180	5,216,799	5,327,722	5,920,710	6,317,974	6,914,720	7,148,857	7,947,085

See explanatory information, if any, and SOURCE at end of table.

Table C-3. Federal obligations to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1991: fiscal years 1984-91

[Dollars in thousands]

Institution	1984	1985	1986	1987	1988	1989	1990	1991
51 University of Virginia	39,256	46,858	48,736	55,743	57,085	63,319	72,701	86,075
52 Northwestern University	54,960	74,798	65,264	64,774	65,132	72,694	76,004	85,019
53 Univ of Tennessee All Cmp	50,968	59,519	55,781	61,116	64,537	64,165	73,038	84,882
54 University of Cincinnati	37,599	41,117	41,711	53,938	51,883	56,966	66,902	83,448
55 University of Kentucky	39,679	47,300	48,115	49,237	51,937	63,966	70,313	79,964
56 Yeshiva University	60,096	64,623	64,261	71,603	73,667	77,490	75,040	79,779
57 Rutgers the St Univ of NJ	42,292	45,442	39,688	43,597	50,084	61,238	68,568	76,670
58 Utah State University	26,867	32,415	34,498	37,916	51,970	61,506	71,713	75,655
59 New Mexico State Univ	39,901	40,883	54,855	45,567	52,273	58,424	61,931	73,129
60 Oregon State University	49,249	46,154	50,152	53,775	63,542	64,527	58,979	70,185
Total 1st 60 institutions	5,058,047	5,715,908	5,830,783	6,457,976	6,900,084	7,559,015	7,844,046	8,741,891
61 N C State Univ at Raleigh	40,740	45,515	45,791	48,129	51,545	64,808	63,712	70,037
62 Emory University	29,951	33,161	36,935	53,698	59,215	55,671	59,191	69,345
63 Univ of Ill Chicago	35,344	44,368	44,825	49,716	56,737	61,391	60,397	66,488
64 Iowa State University	31,030	34,391	43,628	46,126	44,838	54,627	58,104	66,466
65 Univ of Cal Irvine	34,000	38,927	42,356	48,863	49,842	57,791	64,278	63,307
66 Princeton University	34,503	41,091	48,805	51,224	52,604	54,695	58,764	63,221
67 Univ of Hawaii-Manoa	30,748	42,806	38,815	39,899	45,190	63,215	54,552	62,744
68 University of Georgia	39,723	44,092	48,437	49,184	55,824	64,993	59,211	62,684
69 Carnegie-Mellon Univ	33,786	54,052	65,186	75,967	80,412	64,642	56,900	61,834
70 U Tex Sw Med Ctr - Dallas	38,425	43,495	46,132	51,827	52,771	55,192	56,398	61,767
Total 1st 70 institutions	5,406,297	6,137,806	6,291,693	6,972,609	7,449,062	8,156,040	8,435,553	9,389,784
71 Colorado State University	34,906	37,331	38,346	44,153	45,245	51,652	54,633	61,656
72 Virginia Commonwith Univ	29,798	37,706	36,164	41,172	41,607	53,290	52,409	58,575
73 University of New Mexico	45,055	44,189	49,599	43,426	39,953	44,616	39,823	58,019
74 U P R - Regional Col Admn	22,788	43,014	56,446	53,687	48,540	50,162	59,640	57,590
75 Georgetown University	22,859	27,929	23,690	33,939	35,433	35,487	43,278	56,967
76 SUNY at Stony Brook	34,340	39,068	39,805	42,514	47,429	47,247	53,323	56,928
77 University of Connecticut	38,136	43,004	43,379	49,089	49,792	52,304	54,319	56,855
78 Florida State University	18,742	21,026	28,120	32,902	33,702	36,561	36,767	56,223
79 Univ of Cal Santa Barbara	24,874	30,145	36,654	34,253	38,619	49,645	52,020	55,636
80 CUNY Mount Sinai Schl Med	29,331	31,054	32,198	38,437	51,488	45,244	51,849	54,588
Total 1st 80 institutions	5,707,126	6,492,272	6,676,094	7,386,181	7,880,870	8,622,248	8,933,614	9,962,821
81 Univ of MD Balt Prof Sch	23,861	24,393	28,961	33,575	36,484	40,554	47,448	54,357
82 Woods Hole Ocngrphic Inst	41,182	33,814	37,318	35,620	35,299	69,486	53,690	54,118
83 VA Polytech Inst & St U	34,107	37,878	36,505	37,204	41,911	51,457	51,111	53,513
84 University of Kansas	26,342	39,166	33,774	35,200	36,056	37,118	41,170	52,622
85 Univ of Nebraska-Lincoln	23,230	26,267	26,674	31,901	30,764	34,197	35,709	52,307
86 Gallaudet University	57,378	61,173	60,378	55,184	46,608	49,667	49,819	52,263
87 Wayne State University	25,297	27,282	28,395	31,526	35,301	40,235	42,011	52,047
88 Univ of Med & Dent of N J	18,344	20,662	19,310	29,951	38,904	38,932	45,383	51,671
89 West Virginia University	22,984	21,723	25,151	26,593	36,989	39,885	35,520	50,638
90 Univ of Missouri Columbia	35,263	36,552	39,373	41,993	40,767	43,503	45,821	50,584
Total 1st 90 institutions	6,015,114	6,821,182	7,011,933	7,744,928	8,259,953	9,067,282	9,381,296	10,487,141
91 Oregon Hlth Sciences Univ	12,770	17,059	33,322	22,855	25,597	55,822	45,984	49,398
92 SUNY at Buffalo All Cmps	23,069	27,842	28,270	36,235	39,563	44,491	44,371	48,539
93 Tufts University	31,568	38,036	40,993	43,122	39,641	42,957	43,612	47,904
94 Oklahoma State University	20,076	30,733	30,892	33,188	31,703	28,947	36,184	46,886
95 Univ of VT & St Agric Col	27,264	26,157	29,994	33,229	46,118	34,349	36,989	45,809
96 U Tex Hlth Sci Ctr S Anto	20,698	25,933	24,274	29,956	32,882	36,954	40,094	44,964
97 Brown University	28,134	31,178	39,719	39,327	40,278	40,250	42,187	44,658
98 Arizona State University	20,868	26,450	27,168	33,164	40,111	44,389	36,056	43,633
99 Wake Forest University	17,429	18,011	20,230	24,775	32,344	32,460	33,035	43,618
100 Dartmouth College	17,171	20,072	22,916	26,368	29,221	28,398	36,205	42,940
Total 1st 100 institutions	6,234,161	7,082,653	7,309,711	8,067,147	8,617,411	9,456,299	9,776,013	10,945,490

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-4. Federal obligations to universities and colleges, by agency and type of activity: fiscal year 1991

[Dollars in thousands]

Agency	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Total	17,414,781	11,814,539	10,014,322	151,708	32,652	472,871	192,590	950,396	5,600,242
Department of Agriculture	876,162	867,424	408,784	58,340	0	10,929	0	389,371	8,738
Department of Commerce	135,550	121,910	61,854	297	4,687	3,858	29,429	21,785	13,640
Department of Defense, total	1,729,637	1,539,231	NA	14,700	5	1,240	0	200,190	190,406
Army	267,782	195,233	NA	0	5	645	0	7,760	72,549
Navy	927,582	847,623	NA	0	0	595	0	154,795	79,959
Air Force	310,571	282,376	NA	0	0	0	0	27,707	28,195
Other Department of Defense	223,702	213,999	NA	14,700	0	0	0	9,928	9,703
Department of Defense, research 2/	NA	NA	840,457	NA	NA	NA	NA	NA	NA
Army	NA	NA	138,813	NA	NA	NA	NA	NA	NA
Navy	NA	NA	422,796	NA	NA	NA	NA	NA	NA
Air Force	NA	NA	221,610	NA	NA	NA	NA	NA	NA
Other Department of Defense	NA	NA	57,238	NA	NA	NA	NA	NA	NA
Department of Defense, development 2/	NA	NA	482,639	NA	NA	NA	NA	NA	NA
Army	NA	NA	48,010	NA	NA	NA	NA	NA	NA
Navy	NA	NA	269,437	NA	NA	NA	NA	NA	NA
Air Force	NA	NA	33,059	NA	NA	NA	NA	NA	NA
Other Department of Defense	NA	NA	132,133	NA	NA	NA	NA	NA	NA
Department of Education	5,342,935	344,157	92,098	2,100	0	53,484	31,832	164,643	4,998,778
Department of Energy	662,223	658,905	605,064	41,256	0	12,427	158	0	3,318
Environmental Protection Agency	115,925	115,925	104,324	0	0	8,039	3,496	66	0
Department of Health & Human Services	6,124,906	5,763,400	5,301,122	25,456	0	311,459	108,726	16,637	361,506
National Institutes of Health	4,968,252	4,968,252	4,549,100	20,575	0	274,219	108,726	15,632	0
Health Resources & Services Admin	297,580	8,543	6,825	0	0	1,718	0	0	289,037
Alcohol, Drug Abuse, & Mental Health Admin	696,753	658,916	620,844	4,881	0	32,186	0	1,005	37,837
Centers for Disease Control	64,094	34,024	34,024	0	0	0	0	0	30,070
Agency for Health Care Policy Rsch	43,610	43,610	41,260	0	0	2,350	0	0	0
Food and Drug Admin	12,289	12,289	12,289	0	0	0	0	0	0
Admin for Children & Families	17,775	17,775	17,775	0	0	0	0	0	0
Health Care Financing Admin	10,108	10,108	10,108	0	0	0	0	0	0
Indian Health Service	1,926	92	0	0	0	92	0	0	1,834
Social Security Admin	3,061	3,061	3,061	0	0	0	0	0	0
Office of the Assistant Secretary for Health	1,934	185	185	0	0	0	0	0	1,749
Admin on Aging	2,085	2,085	1,191	0	0	894	0	0	0
Agency for Toxic Substances & Disease Registry	1,022	43	43	0	0	0	0	0	979
Other DHHS	4,417	4,417	4,417	0	0	0	0	0	0
Department of Housing & Urban Develop	47	47	47	0	0	0	0	0	0
Department of the Interior	100,420	80,390	67,810	0	0	0	12,510	70	20,030
Agency for International Development	31,929	31,929	31,929	0	0	0	0	0	0
Department of Labor	9,221	5,833	5,833	0	0	0	0	0	3,388
National Aeronautics & Space Admin	592,923	592,923	533,728	754	0	36,338	0	22,103	0
National Science Foundation	1,642,261	1,642,261	1,438,636	8,805	21,781	34,535	6,439	132,065	0
Nuclear Regulatory Commission	5,366	5,366	5,366	0	0	0	0	0	0
Department of Transportation	45,276	44,838	34,631	0	6,179	562	0	3,466	438

1/ See Technical Notes, "Scope of Survey."

2/ Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments.

KEY: NA = Not available

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-5. Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, and type of activity: fiscal year 1991

[Dollars in thousands]

Geographic division and State	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
United States, total:									
Amount	17,414,781	11,814,539	10,014,322	151,708	32,652	472,871	192,590	950,396	5,600,242
Number	2,463	1,143	803	108	414	513	472	546	2,351
New England, total:									
Amount	1,484,163	1,185,745	1,055,543	19,292	1,227	56,570	15,383	37,730	298,418
Number	209	102	71	11	31	35	34	58	202
Connecticut:									
Amount	266,051	227,412	198,672	3,350	77	14,044	4,128	7,141	38,639
Number	38	14	9	2	3	5	5	10	38
Maine:									
Amount	47,358	14,106	9,740	0	167	110	72	4,017	33,252
Number	25	14	10	0	5	4	2	6	25
Massachusetts:									
Amount	926,556	770,402	698,515	12,720	526	37,269	8,124	13,248	156,154
Number	95	53	38	6	17	18	20	31	90
New Hampshire:									
Amount	82,366	62,151	55,501	0	276	2,103	1,148	3,123	20,215
Number	20	7	5	0	3	3	3	3	18
Rhode Island:									
Amount	96,206	66,939	55,243	2,861	149	1,981	1,601	5,104	29,267
Number	10	5	3	2	2	2	3	4	10
Vermont:									
Amount	65,626	44,735	37,872	361	32	1,083	310	5,097	20,891
Number	21	9	6	1	1	3	1	4	21
Middle Atlantic, total:									
Amount	2,636,537	1,941,792	1,718,740	24,242	4,449	72,931	22,817	98,613	694,745
Number	408	189	138	17	76	84	75	67	383
New Jersey:									
Amount	262,624	174,224	150,569	2,759	198	8,063	2,451	10,184	88,400
Number	43	20	16	2	5	9	4	10	40
New York:									
Amount	1,428,796	1,051,287	917,093	17,468	2,350	39,787	15,760	58,829	377,509
Number	236	109	80	8	43	47	52	38	218
Pennsylvania:									
Amount	945,117	716,281	651,078	4,015	1,901	25,081	4,606	29,600	228,836
Number	129	60	42	7	28	28	19	19	125
East North Central, total:									
Amount	2,468,550	1,556,590	1,342,249	15,548	5,377	65,589	21,290	106,537	911,960
Number	353	161	112	12	75	70	53	68	337
Illinois:									
Amount	636,969	426,217	362,285	2,144	637	21,363	5,217	34,571	210,752
Number	114	45	28	4	13	23	16	16	107
Indiana:									
Amount	322,053	184,144	155,882	3,291	1,185	6,248	1,991	15,547	137,909
Number	44	21	12	3	13	9	5	10	43
Michigan:									
Amount	554,145	359,383	313,736	4,618	793	16,754	4,878	18,604	194,762
Number	57	27	22	2	13	7	10	11	55
Ohio:									
Amount	577,107	332,042	291,113	194	1,838	10,882	6,734	21,281	245,065
Number	92	41	31	2	21	18	16	17	88
Wisconsin:									
Amount	378,276	254,804	219,233	5,301	924	10,342	2,470	16,534	123,472
Number	46	27	19	1	15	13	6	14	44

See explanatory information, if any, and SOURCE at end of table.

Table C-5. Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, and type of activity: fiscal year 1991

[Dollars in thousands]

Geographic division and State	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
West North Central, total:									
Amount	1,211,062	757,961	598,895	28,535	6,225	31,538	8,577	84,191	453,101
Number	247	105	68	11	41	42	33	51	241
Iowa:									
Amount	225,592	152,203	124,814	5,677	397	6,213	1,385	13,717	73,389
Number	44	20	11	2	9	6	4	9	42
Kansas:									
Amount	130,742	77,876	50,894	8,519	82	2,316	1,210	14,855	52,866
Number	28	10	6	2	5	3	3	6	28
Minnesota:									
Amount	304,244	203,423	173,099	20	637	7,312	2,394	19,961	100,821
Number	55	26	15	1	14	11	7	9	54
Missouri:									
Amount	323,817	215,475	181,893	813	312	13,991	1,989	16,477	108,342
Number	62	24	17	2	7	11	10	15	61
Nebraska:									
Amount	100,068	57,590	42,824	4,365	189	673	954	8,585	42,478
Number	23	9	9	1	2	4	3	4	22
North Dakota:									
Amount	79,088	37,484	18,666	7,230	4,543	809	337	5,899	41,604
Number	15	6	4	2	2	3	3	2	14
South Dakota:									
Amount	47,511	13,910	6,705	1,911	65	224	308	4,697	33,601
Number	20	10	6	1	2	4	3	6	20
South Atlantic, total:									
Amount	3,193,741	2,206,710	1,755,967	18,585	3,230	76,138	38,953	313,837	987,031
Number	401	187	130	20	60	95	92	82	384
Delaware:									
Amount	36,985	24,797	19,688	0	25	1,016	1,172	2,896	12,188
Number	6	3	2	0	1	3	3	2	6
District of Columbia:									
Amount	355,473	109,596	91,879	2,100	80	3,413	3,914	8,210	245,877
Number	13	8	8	2	2	7	7	6	13
Florida:									
Amount	430,172	254,881	217,377	3,162	462	8,484	6,459	18,937	175,291
Number	64	25	15	3	7	12	14	15	61
Georgia:									
Amount	378,082	261,995	194,164	2,646	577	10,035	6,971	47,602	116,087
Number	65	30	23	3	10	18	16	10	61
Maryland:									
Amount	870,830	806,276	622,221	742	385	17,939	5,455	159,534	64,554
Number	43	29	22	3	8	14	11	12	39
North Carolina:									
Amount	534,478	408,726	340,513	3,736	855	20,546	8,606	34,470	125,752
Number	74	30	19	3	15	18	20	10	72
South Carolina:									
Amount	151,808	77,243	54,996	2,745	437	2,180	1,783	15,102	74,565
Number	43	18	10	3	7	9	6	9	40
Virginia:									
Amount	342,508	216,955	181,418	967	409	10,284	4,314	19,563	125,553
Number	66	31	20	2	10	12	12	16	66
West Virginia:									
Amount	93,405	46,241	33,711	2,487	0	2,241	279	7,523	47,164
Number	27	13	11	1	0	2	3	2	26

See explanatory information, if any, and SOURCE at end of table.

Table C-5. Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, and type of activity: fiscal year 1991

[Dollars in thousands]

Geographic division and State	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
East South Central, total:									
Amount	972,519	497,326	393,855	2,074	1,037	21,952	11,110	67,298	475,193
Number	202	70	46	5	26	36	34	33	195
Alabama:									
Amount	328,938	187,193	155,818	1,661	298	8,824	3,722	16,870	141,745
Number	70	25	13	3	8	14	12	11	67
Kentucky:									
Amount	167,503	62,736	46,190	0	170	1,283	750	14,343	104,767
Number	36	11	9	0	4	4	4	5	36
Mississippi:									
Amount	157,691	62,751	42,970	0	37	3,137	1,565	15,042	94,940
Number	32	14	8	0	2	10	10	7	30
Tennessee:									
Amount	318,387	184,646	148,877	413	532	8,708	5,073	21,043	133,741
Number	64	20	16	2	12	8	8	10	62
West South Central, total:									
Amount	1,440,533	835,204	677,292	9,316	6,091	23,477	26,024	93,004	605,329
Number	202	111	81	7	37	59	50	64	192
Arkansas:									
Amount	124,118	45,598	25,785	4,751	355	879	987	12,841	78,520
Number	29	13	10	1	5	5	5	9	29
Louisiana:									
Amount	273,413	120,399	101,680	0	216	2,510	4,363	11,630	153,014
Number	21	15	13	0	6	11	9	6	21
Oklahoma:									
Amount	159,219	57,854	33,148	176	116	2,049	939	21,426	101,365
Number	38	13	8	1	4	7	3	7	35
Texas:									
Amount	883,783	611,353	516,679	4,389	5,404	18,039	19,735	47,107	272,430
Number	114	70	50	5	22	36	33	42	107
Mountain, total:									
Amount	1,063,270	692,951	578,020	20,666	1,881	25,977	12,858	53,549	370,319
Number	123	64	52	9	20	26	32	38	119
Arizona:									
Amount	199,448	142,885	126,362	600	177	5,240	1,568	8,938	56,563
Number	20	8	7	2	2	5	6	4	19
Colorado:									
Amount	300,486	208,932	182,920	2,643	471	7,888	5,270	9,740	91,554
Number	38	15	12	2	8	6	6	8	38
Idaho:									
Amount	57,715	25,604	12,718	6,372	63	158	98	6,195	32,111
Number	9	5	3	1	2	3	1	4	9
Montana:									
Amount	52,384	23,684	16,216	1,381	64	478	743	4,802	28,700
Number	18	10	8	2	2	3	4	6	18
Nevada:									
Amount	33,046	21,823	18,611	0	97	424	425	2,266	11,223
Number	9	4	4	0	2	2	3	3	8
New Mexico:									
Amount	165,150	100,852	80,720	0	1,009	8,818	3,116	7,189	64,298
Number	12	10	8	0	4	3	6	7	12
Utah:									
Amount	231,720	154,903	129,587	9,670	0	2,507	1,597	11,542	76,817
Number	13	9	7	2	0	3	5	5	13
Wyoming:									
Amount	23,321	14,268	10,886	0	0	464	41	2,877	9,053
Number	4	3	3	0	0	1	1	1	2

See explanatory information, if any, and SOURCE at end of table.

Table C-5. Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, and type of activity: fiscal year 1991

[Dollars in thousands]

Geographic division and State	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Pacific, total:									
Amount	2,639,680	2,093,187	1,868,228	13,450	3,066	97,233	29,573	81,637	546,493
Number	279	129	90	16	45	60	56	67	261
Alaska:									
Amount	35,143	29,281	25,446	0	0	270	1,710	1,855	5,862
Number	8	4	4	0	0	2	1	2	7
California:									
Amount	1,887,307	1,540,219	1,398,356	4,800	1,719	75,983	16,371	42,990	347,088
Number	179	74	56	11	26	38	35	39	166
Hawaii:									
Amount	83,720	63,538	47,291	6,378	12	1,178	4,158	4,521	20,182
Number	12	5	3	1	1	3	3	3	12
Oregon:									
Amount	211,371	148,524	124,453	492	584	4,274	2,686	16,035	62,847
Number	34	20	13	2	8	6	9	12	30
Washington:									
Amount	422,139	311,625	272,682	1,780	751	15,528	4,648	16,236	110,514
Number	46	26	14	2	10	11	8	11	46
Outlying areas, total:									
Amount	304,726	47,073	25,533	0	69	1,466	6,005	14,000	257,653
Number	39	24	15	0	3	6	13	18	37
Guam:									
Amount	4,359	3,262	1,325	0	0	0	270	1,667	1,097
Number	2	1	1	0	0	0	1	1	2
Puerto Rico:									
Amount	289,747	38,504	21,650	0	69	1,466	5,451	9,868	251,243
Number	32	20	10	0	3	6	10	13	31
American Samoa:									
Amount	1,727	1,291	657	0	0	0	61	573	436
Number	1	1	1	0	0	0	1	1	1
Virgin Islands:									
Amount	3,492	2,083	1,048	0	0	0	223	812	1,409
Number	1	1	1	0	0	0	1	1	1
Trust Territory Pac Isl:									
Amount	5,401	1,933	853	0	0	0	0	1,080	3,468
Number	3	2	2	0	0	0	0	2	2

1/ See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-6. Federal obligations to universities and colleges, by geographic division, State, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
United States, total	17,414,781	876,162	135,550	1,729,637	5,342,935	662,223	115,925	6,124,906	100,420	592,923	1,642,261	91,839
New England, total	1,484,163	49,165	15,710	142,885	295,029	100,025	10,011	621,068	3,668	52,867	186,590	7,145
Connecticut	266,051	4,989	3,828	7,994	39,615	10,664	731	176,809	120	1,695	19,449	157
Maine	47,358	6,488	294	639	33,743	140	570	1,878	456	308	2,751	91
Massachusetts	926,556	21,413	5,228	118,340	151,910	84,148	6,674	357,117	1,868	39,102	134,940	5,816
New Hampshire	82,366	4,176	1,792	3,880	18,350	1,496	868	34,417	474	9,372	7,288	253
Rhode Island	96,206	4,969	4,568	9,933	30,244	2,947	586	20,064	592	2,273	19,298	734
Vermont	65,626	7,130	0	2,099	21,167	630	582	30,783	158	117	2,866	94
Middle Atlantic, total	2,636,537	62,861	12,118	282,461	650,262	85,310	14,656	1,159,784	5,826	46,636	311,747	4,876
New Jersey	262,624	11,628	1,991	22,769	80,840	7,811	4,177	88,246	413	5,819	38,216	714
New York	1,428,796	28,657	9,139	73,483	354,220	56,640	5,110	685,694	1,831	23,880	188,161	1,981
Pennsylvania	945,117	22,576	988	186,209	215,202	20,859	5,369	385,844	3,582	16,937	85,370	2,181
East North Central, total	2,468,550	115,980	11,322	140,200	891,470	95,344	16,605	807,259	4,642	75,802	293,612	16,314
Illinois	636,969	23,431	2,373	40,742	210,527	23,971	1,772	211,519	978	11,312	107,994	2,350
Indiana	322,053	21,776	176	16,945	133,492	20,779	1,172	76,035	670	4,506	44,948	1,554
Michigan	554,145	25,650	4,314	24,743	189,735	14,216	3,758	203,706	1,426	23,865	60,294	2,438
Ohio	577,107	22,281	1,458	41,950	234,123	16,071	8,538	181,793	564	23,016	38,522	8,791
Wisconsin	378,276	22,842	3,001	15,820	123,593	20,307	1,365	134,206	1,004	13,103	41,854	1,181
West North Central, total	1,211,062	135,777	4,931	32,733	444,663	37,710	6,105	421,692	11,877	21,886	77,996	15,692
Iowa	225,592	31,218	2,034	5,644	69,042	6,242	1,205	82,632	442	10,119	12,766	4,248
Kansas	130,742	16,272	150	2,145	58,093	7,050	2,187	32,962	351	2,551	7,260	1,721
Minnesota	304,244	19,660	1,325	12,653	111,111	5,533	1,799	117,622	1,034	3,680	29,409	218
Missouri	323,817	22,929	852	6,684	103,865	3,390	567	162,638	2,004	4,032	16,332	524
Nebraska	100,068	18,655	385	3,377	38,489	6,528	229	19,611	797	720	8,119	3,158
North Dakota	79,088	17,986	85	1,442	35,042	8,827	0	4,577	3,290	181	2,100	5,558
South Dakota	47,511	8,857	100	788	29,021	140	118	1,650	3,959	603	2,010	265
South Atlantic, total	3,193,741	149,065	30,434	633,045	928,874	94,898	29,060	1,003,684	10,251	91,524	200,985	21,921
Delaware	36,985	4,789	1,710	3,956	12,995	760	379	4,517	236	1,614	6,028	1
District of Columbia	355,473	2,344	421	24,922	241,308	1,367	870	63,011	145	7,195	12,890	1,000
Florida	430,172	21,174	6,536	36,771	159,947	15,891	2,823	123,579	1,727	11,357	48,519	1,848
Georgia	378,082	26,294	2,797	82,374	96,820	18,362	6,969	107,033	770	9,153	24,282	3,228
Maryland	870,830	12,590	5,577	428,164	60,944	13,090	2,939	280,773	281	29,333	36,359	780
North Carolina	534,478	34,427	4,580	24,339	126,073	7,464	10,160	275,453	845	7,586	37,798	5,753
South Carolina	151,808	16,542	4,506	6,285	70,105	8,928	1,185	32,987	864	1,452	8,789	165
Virginia	342,508	21,334	4,133	25,476	116,415	10,975	1,158	107,361	2,976	19,810	24,223	8,647
West Virginia	93,405	9,571	174	758	44,267	18,061	2,577	8,970	2,407	4,024	2,097	499
East South Central, total	972,519	95,122	2,610	34,265	449,890	40,493	2,505	266,637	4,389	36,638	37,574	2,396
Alabama	328,938	25,160	217	16,809	133,185	13,942	792	98,156	1,112	28,249	10,320	996
Kentucky	167,503	22,448	495	956	100,019	4,378	317	30,580	498	841	6,721	250
Mississippi	157,691	25,170	1,855	3,969	94,138	8,950	575	12,415	1,644	1,571	7,058	346
Tennessee	318,387	22,344	43	12,531	122,548	13,223	821	125,486	1,135	5,977	13,475	804
West South Central, total	1,440,533	110,260	10,698	90,972	573,377	55,775	13,416	441,660	14,423	42,769	80,429	6,754
Arkansas	124,118	22,759	100	1,705	79,385	702	94	14,115	578	349	3,530	801
Louisiana	273,413	18,784	1,971	5,714	143,761	25,882	2,455	63,195	1,870	1,832	7,920	29
Oklahoma	159,219	16,889	898	10,273	95,970	2,391	1,379	18,340	651	5,263	6,898	267
Texas	883,783	51,828	7,729	73,280	254,261	26,800	9,488	346,010	11,324	35,325	62,081	5,657
Mountain, total	1,063,270	58,099	17,957	130,308	346,167	31,755	11,432	263,340	23,254	66,137	111,241	3,580
Arizona	199,448	8,340	496	13,790	48,888	4,971	960	63,929	8,555	18,322	30,034	1,163
Colorado	300,486	10,815	15,193	18,479	81,006	6,897	2,663	104,726	3,340	19,676	36,407	1,284
Idaho	57,715	9,435	50	6,619	32,507	993	136	1,085	1,200	1,704	3,380	606
Montana	52,384	8,798	100	349	26,312	256	1,001	4,006	4,132	662	6,668	100
Nevada	33,046	3,216	962	225	10,322	1,468	5,069	5,584	2,014	594	3,514	78
New Mexico	165,150	6,955	1,005	33,244	59,082	10,020	710	21,232	537	22,867	9,488	10
Utah	231,720	5,962	151	56,648	79,355	6,461	628	60,807	2,394	2,126	17,088	100
Wyoming	23,321	4,578	0	954	8,695	689	265	1,971	1,082	186	4,662	239
Pacific, total	2,639,680	81,057	29,037	242,079	507,619	120,813	11,959	1,118,382	21,772	158,155	335,746	13,061
Alaska	35,143	2,792	1,825	1,098	6,103	962	475	1,466	3,731	6,724	9,967	0
California	1,887,307	31,372	8,434	187,595	311,502	90,292	6,340	853,129	8,469	133,259	248,152	8,763
Hawaii	83,720	12,940	6,524	7,320	17,442	2,400	3	14,024	641	7,131	13,107	2,188
Oregon	211,371	15,846	6,046	9,536	69,105	17,451	3,225	56,867	4,960	3,089	24,220	1,026
Washington	422,139	18,107	6,208	36,530	103,467	9,708	1,916	192,896	3,971	7,952	40,300	1,084

See explanatory information, if any, and SOURCE at end of table.

Table C-6. Federal obligations to universities and colleges, by geographic division, State, and agency: fiscal year 1991

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Outlying areas, total	304,726	18,776	733	689	255,584	100	176	21,400	318	509	6,341	100
Guam	4,359	1,929	56	0	1,177	0	0	911	105	0	181	0
Puerto Rico	289,747	11,971	677	689	249,216	100	176	20,083	105	509	6,121	100
American Samoa	1,727	1,191	0	0	473	0	0	24	0	0	39	0
Virgin Islands	3,492	1,752	0	0	1,313	0	0	319	108	0	0	0
Trust Territory Pac Isl	5,401	1,933	0	0	3,405	0	0	63	0	0	0	0

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-7. Federal obligations to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1991

[Dollars in thousands]

Institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Total, all institutions	17,414,781	11,814,539	10,014,322	151,708	32,652	472,871	192,590	950,396	5,600,242
1 Johns Hopkins University	657,225	649,007	490,893	106	0	14,739	2,644	140,625	8,218
2 University of Washington	294,482	272,312	245,288	546	213	14,409	3,741	8,115	22,170
3 Stanford University	268,088	259,929	237,842	1,795	0	16,877	455	2,960	8,159
4 Mass Inst of Technology	263,306	256,463	232,619	9,810	-140	10,255	1,536	2,383	6,843
5 University of Michigan	238,443	218,199	193,954	4,228	123	13,075	2,593	4,226	20,244
6 Univ of Cal Los Angeles	229,566	208,252	194,217	370	46	9,124	1,703	2,792	21,314
7 Cornell University	213,626	200,805	156,151	2,350	28	7,758	1,100	33,418	12,821
8 Univ of Wis-Madison	213,442	205,012	179,079	5,301	252	7,927	597	11,856	8,430
9 University of Minnesota	210,856	196,571	168,962	20	70	7,172	1,806	18,541	14,285
10 Univ of Cal San Diego	202,857	194,596	182,815	411	35	9,489	930	916	8,261
Total 1st 10 institutions	2,791,891	2,661,146	2,281,820	24,937	627	110,825	17,105	225,832	130,745
11 Univ of Pennsylvania	201,356	186,678	169,352	1,009	241	12,793	1,410	1,873	14,678
12 Pennsylvania State Univ	200,467	166,943	144,400	0	199	2,101	525	19,718	33,524
13 Univ of Cal San Francisco	197,031	191,275	178,698	187	0	11,217	1,093	80	5,756
14 Harvard University	193,006	181,438	161,719	178	0	17,692	1,625	224	11,568
15 Howard University	191,540	24,858	19,124	1,700	0	1,324	2,064	646	166,682
16 University of Pittsburgh	185,173	156,811	147,757	1,390	0	3,736	797	3,131	28,362
17 Yale University	178,414	171,710	152,513	3,329	12	12,413	1,425	2,018	6,704
18 Univ of Cal Berkeley	168,621	151,707	136,020	0	15	11,465	758	3,449	16,914
19 University of Colorado	166,735	141,444	126,090	2,563	0	6,068	3,665	3,058	25,291
20 Columbia Univ Main Div	164,680	146,697	134,329	1,035	0	8,469	1,555	1,309	17,983
Total 1st 20 institutions	4,638,914	4,180,707	3,651,822	36,328	1,094	198,103	32,022	261,338	458,207
21 Univ of Southern Cal	162,790	140,088	133,074	0	18	3,647	784	2,565	22,702
22 Duke University	149,091	141,811	128,098	650	0	7,188	1,086	4,789	7,280
23 Washington University	144,569	138,696	125,282	577	0	11,681	642	514	5,873
24 Univ of NC at Chapel Hill	139,795	128,743	111,501	0	0	7,146	1,663	8,433	11,052
25 Univ of Ill Urbana	137,270	136,044	110,509	1,933	45	3,215	922	19,420	1,226
26 University of Rochester	131,293	122,363	103,510	9,928	186	5,630	1,041	2,068	8,930
27 University of Arizona	124,668	108,050	95,206	56	0	4,073	660	8,055	16,618
28 Ohio State University	120,030	99,596	82,106	79	980	1,801	974	13,656	20,434
29 University of Chicago	119,179	114,390	97,949	173	0	12,431	845	2,992	4,789
30 Indiana University	115,868	78,229	69,205	2,313	270	3,392	1,104	1,945	37,639
Total 1st 30 institutions	5,983,467	5,388,717	4,708,262	52,037	2,593	258,307	41,743	325,775	594,750
31 LA State Univ System	115,803	78,928	68,379	0	0	670	1,416	8,463	36,875
32 Univ of Texas at Austin	107,882	106,147	95,063	0	87	2,136	231	8,630	1,735
33 Univ Alabama Birmingham	106,807	95,038	90,355	0	0	3,387	967	329	11,769
34 New York University	106,461	92,019	86,150	0	43	4,143	1,176	507	14,442
35 University of Iowa	104,459	92,124	85,113	612	16	4,590	817	976	12,335
36 Case Western Reserve Univ	101,150	93,937	87,747	0	60	5,210	842	78	7,213
37 Univ of Cal Davis	100,155	84,989	79,671	920	0	2,523	676	1,199	15,166
38 University of Utah	100,128	85,856	70,877	9,398	0	2,022	840	2,719	14,272
39 Univ of Mass	99,756	84,804	76,630	0	69	1,512	1,574	5,019	14,952
40 University of Florida	99,483	79,467	63,270	2,609	68	2,700	1,009	9,811	20,016
Total 1st 40 institutions	7,025,551	6,282,026	5,511,517	65,576	2,936	287,200	51,291	363,506	743,525
41 Michigan State University	97,135	78,877	62,793	390	32	2,144	585	12,933	18,258
42 Univ of MD College Park	95,043	87,724	72,115	554	76	1,259	1,236	12,484	7,319
43 Georgia Institute of Tech	94,779	84,402	56,008	0	150	1,264	418	26,562	10,377
44 Texas A & M University	93,017	78,795	52,367	3,925	156	1,903	1,266	19,178	14,222
45 Vanderbilt University	92,481	86,704	76,437	0	14	6,243	1,337	2,673	5,777
46 Purdue University	92,339	80,046	64,543	36	212	2,295	540	12,420	12,293
47 Baylor Col of Medicine	90,272	87,593	82,849	0	0	2,177	871	1,696	2,679
48 California Inst of Tech	90,105	90,105	80,585	541	60	4,515	669	3,735	0
49 University of Miami	89,705	74,377	68,511	542	0	2,213	1,583	1,528	15,328
50 Boston University	86,658	73,893	67,153	602	64	4,267	926	881	12,765
Total 1st 50 institutions	7,947,085	7,104,542	6,194,878	72,166	3,700	315,480	60,722	457,596	842,543

See explanatory information, if any, and SOURCE at end of table.

Table C-7. Federal obligations to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1991

[Dollars in thousands]

Institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
51 University of Virginia	86,075	76,251	66,916	57	0	5,114	1,090	3,074	9,824
52 Northwestern University	85,019	74,318	67,725	0	91	3,068	534	2,900	10,701
53 Univ of Tennessee All Cmp	84,882	66,496	50,204	172	50	1,172	578	14,320	18,386
54 University of Cincinnati	83,448	57,676	51,490	115	135	1,757	3,731	448	25,772
55 University of Kentucky	79,964	49,383	35,914	0	91	997	407	11,974	30,581
56 Yeshiva University	79,779	77,415	72,115	0	0	4,377	923	0	2,364
57 Rutgers the St Univ of NJ	76,670	59,594	45,852	2,468	0	2,554	1,619	7,101	17,076
58 Utah State University	75,655	63,010	53,430	272	0	420	517	8,371	12,645
59 New Mexico State Univ	73,129	56,752	42,903	0	355	7,539	800	5,155	16,377
60 Oregon State University	70,185	61,164	51,297	0	125	1,257	1,861	6,624	9,021
Total 1st 60 institutions	8,741,891	7,746,601	6,732,724	75,250	4,547	343,735	72,782	517,563	995,290
61 N C State Univ at Raleigh	70,037	63,510	43,697	257	59	3,218	887	15,392	6,527
62 Emory University	69,345	61,596	57,385	250	24	2,128	1,022	787	7,749
63 Univ of Ill Chicago	66,488	50,547	46,517	25	0	1,112	418	2,475	15,941
64 Iowa State University	66,466	52,611	34,028	5,065	0	1,293	256	11,969	13,855
65 Univ of Cal Irvine	63,307	54,994	50,950	162	0	2,287	1,298	297	8,313
66 Princeton University	63,221	58,149	51,233	291	83	4,439	147	1,956	5,072
67 Univ of Hawaii-Manoa	62,744	50,302	38,814	6,378	12	971	444	3,683	12,442
68 University of Georgia	62,684	56,465	40,715	2,248	52	896	523	12,031	6,219
69 Carnegie-Mellon Univ	61,834	55,474	50,167	200	64	2,235	241	2,567	6,360
70 U Tex Sw Med Ctr - Dallas	61,767	59,837	55,878	0	0	3,027	370	562	1,930
Total 1st 70 institutions	9,389,784	8,310,086	7,202,108	90,126	4,841	365,341	78,388	569,282	1,079,698
71 Colorado State University	61,656	51,700	43,671	80	0	1,478	1,084	5,387	9,956
72 Virginia Commonwlth Univ	58,575	49,198	46,324	0	55	1,791	611	417	9,377
73 University of New Mexico	58,019	37,341	32,446	0	512	1,231	1,714	1,438	20,678
74 U P R - Regional Col Admn	57,590	100	0	0	0	0	0	100	57,490
75 Georgetown University	56,967	40,996	37,668	0	0	878	870	1,580	15,971
76 SUNY at Stony Brook	56,928	54,173	50,403	474	70	1,217	624	1,385	2,755
77 University of Connecticut	56,855	51,205	42,860	0	0	1,543	2,512	4,290	5,650
78 Florida State University	56,223	47,245	45,334	11	0	437	784	679	8,978
79 Univ of Cal Santa Barbara	55,636	48,213	44,255	15	73	493	306	3,071	7,423
80 CUNY Mount Sinai Schl Med	54,588	51,345	50,037	0	0	1,095	213	0	3,243
Total 1st 80 institutions	9,962,821	8,741,602	7,595,106	90,706	5,551	375,504	87,106	587,629	1,221,219
81 Univ of MD Balt Prof Sch	54,357	51,061	48,125	82	0	1,205	962	687	3,296
82 Woods Hole Ocngrphic Inst	54,118	54,118	50,891	1,681	0	131	526	889	0
83 VA Polytech Inst & St U	53,513	45,445	32,033	910	17	414	155	11,916	8,068
84 University of Kansas	52,622	42,330	28,341	4,900	20	1,717	966	6,386	10,292
85 Univ of Nebraska-Lincoln	52,307	41,541	28,232	4,365	146	422	771	7,605	10,766
86 Gallaudet University	52,263	5,541	3,974	400	0	120	10	1,037	46,722
87 Wayne State University	52,047	35,948	33,280	0	58	927	1,497	186	16,099
88 Univ of Med & Dent of N J	51,871	42,685	41,465	0	0	523	594	103	9,186
89 West Virginia University	50,638	40,482	29,914	2,487	0	2,238	189	5,654	10,156
90 Univ of Missouri Columbia	50,584	40,219	26,537	236	0	1,039	335	12,072	10,365
Total 1st 90 institutions	10,487,141	9,140,972	7,917,898	105,767	5,792	384,240	93,111	634,164	1,346,169
91 Oregon Hlth Sciences Univ	49,398	45,507	43,481	300	0	1,240	267	219	3,891
92 SUNY at Buffalo All Cmps	48,539	46,109	39,895	0	53	692	464	5,005	2,430
93 Tufts University	47,904	43,783	41,571	209	0	1,183	744	76	4,121
94 Oklahoma State University	46,886	27,226	12,434	0	32	735	33	13,992	19,660
95 Univ of VT & St Agric Col	45,809	42,708	37,294	361	0	1,061	310	3,682	3,101
96 U Tex Hlth Sci Ctr S Anto	44,964	39,114	36,999	82	0	1,313	322	398	5,850
97 Brown University	44,658	39,803	36,015	112	73	1,563	358	1,682	4,855
98 Arizona State University	43,633	26,559	24,445	544	0	763	208	599	17,074
99 Wake Forest University	43,618	39,585	35,224	2,829	0	1,117	415	0	4,033
100 Dartmouth College	42,940	38,103	36,042	0	29	1,423	495	114	4,837
Total 1st 100 institutions	10,945,490	9,529,469	8,261,298	110,204	5,979	395,330	96,727	659,931	1,416,021

1/ See Technical Notes, "Scope of Survey."

NOTE The appearance of negative numbers is a result of deobligations; see "Definitions" in Technical Notes.

SOURCE National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-8. Federal obligations to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total, all institutions	17,414,781	876,162	135,550	1,729,637	5,342,935	662,223	115,925	6,124,906	100,420	592,923	1,642,261	91,839
1 Johns Hopkins University	657,225	365	341	408,136	6,061	4,825	864	219,121	97	6,027	11,250	138
2 University of Washington	294,482	3,109	6,153	32,925	15,996	7,438	1,330	183,193	2,246	7,724	33,287	1,081
3 Stanford University	268,088	140	30	29,824	8,327	21,798	2,259	117,742	80	55,003	32,885	0
4 Mass Inst of Technology	263,306	450	2,702	56,294	6,464	57,853	618	63,170	404	25,514	45,978	3,859
5 University of Michigan	238,443	575	3,813	17,004	18,588	9,314	2,868	142,816	119	12,336	29,654	1,356
6 Univ of Cal Los Angeles	229,566	343	0	17,137	19,102	17,991	695	145,477	0	7,813	20,727	281
7 Cornell University	213,626	26,293	503	18,391	12,548	4,921	752	75,993	192	6,036	67,895	102
8 Univ of Wis-Madison	213,442	22,152	346	12,519	4,556	19,809	518	105,702	260	12,087	35,298	195
9 University of Minnesota	210,856	19,769	1,147	12,333	23,860	5,493	1,797	115,878	1,034	3,568	25,759	218
10 Univ of Cal San Diego	202,857	135	454	21,932	6,726	5,343	163	116,164	0	16,123	35,817	0
Total 1st 10 institutions	2,791,891	73,331	15,489	626,495	122,228	154,785	11,864	1,285,256	4,432	152,231	338,550	7,230
11 Univ of Pennsylvania	201,356	383	285	22,402	13,056	6,792	0	138,946	0	187	19,325	0
12 Pennsylvania State Univ	200,467	21,402	295	67,821	30,637	5,542	1,326	38,839	3,263	10,761	19,345	1,236
13 Univ of Cal San Francisc	197,031	0	0	1,212	0	3,580	161	188,209	0	919	2,950	0
14 Harvard University	193,006	344	0	7,567	8,144	5,637	1,536	140,466	95	7,619	20,392	1,206
15 Howard University	191,540	80	48	1,751	168,931	43	208	10,829	0	1,804	7,846	0
16 University of Pittsburgh	185,173	40	23	30,081	29,071	2,384	2,124	111,940	0	1,668	7,741	101
17 Yale University	178,414	233	24	5,811	5,413	9,775	178	143,047	15	1,401	12,517	0
18 Univ of Cal Berkeley	168,621	10,291	120	11,456	24,122	4,408	839	53,699	1,957	19,827	40,732	1,170
19 University of Colorado	166,735	16	12,718	9,523	15,438	4,491	1,330	81,791	1,276	16,639	23,109	404
20 Columbia Univ Main Div	164,680	0	1,102	8,518	13,649	7,661	660	125,176	1,235	6,405	0	274
Total 1st 20 institutions	4,638,914	106,120	30,104	792,637	430,689	205,098	20,226	2,318,198	12,273	219,441	492,507	11,621
21 Univ of Southern Cal	162,790	0	2,440	47,250	14,944	1,027	39	77,154	2,363	3,285	14,238	50
22 Duke University	149,091	465	251	7,419	4,356	4,221	1,948	115,473	164	623	14,171	0
23 Washington University	144,569	0	51	2,718	5,656	1,548	121	123,821	0	3,429	7,225	0
24 Univ of NC at Chapel Hil	139,795	406	100	4,598	14,323	1,017	4,821	105,406	0	366	8,758	0
25 Univ of Ill Urbana	137,270	21,448	0	21,337	351	13,006	1,055	21,213	93	3,186	55,391	190
26 University of Rochester	131,293	140	0	9,623	4,053	26,670	0	80,520	0	1,504	8,783	0
27 University of Arizona	124,668	7,772	404	9,494	13,996	1,951	774	57,042	1,047	15,394	15,756	1,038
28 Ohio State University	120,030	21,221	1,285	5,368	16,973	4,108	1,266	39,544	564	5,612	17,453	6,636
29 University of Chicago	119,179	227	160	3,408	6,622	4,272	0	76,728	0	6,061	21,701	0
30 Indiana University	115,868	1,510	50	1,616	38,944	3,625	245	50,128	130	735	18,651	234
Total 1st 30 institutions	5,983,467	159,309	34,845	905,468	550,907	266,543	30,495	3,065,227	16,634	259,636	674,634	19,769
31 LA State Univ System	115,803	14,734	1,871	2,203	34,228	24,830	1,796	29,864	398	1,007	4,872	0
32 Univ of Texas at Austin	107,882	277	0	48,680	1,945	14,493	706	15,203	158	7,283	16,078	3,059
33 Univ Alabama Birmingham	106,807	310	0	2,101	6,906	9,942	50	79,393	0	5,369	1,968	768
34 New York University	106,461	2	0	6,591	13,501	3,522	927	75,985	0	301	5,632	0
35 University of Iowa	104,459	531	279	3,444	9,674	717	427	75,095	18	8,680	5,594	0
36 Case Western Reserve Uni	101,150	380	0	2,837	3,621	10,232	117	71,262	0	7,629	5,072	0
37 Univ of Cal Davis	100,155	5,836	20	1,535	12,145	12,298	636	50,499	336	1,988	10,784	4,078
38 University of Utah	100,128	40	151	12,693	12,029	4,800	163	55,452	1,795	722	12,283	0
39 Univ of Mass	99,756	7,423	42	9,769	18,725	2,483	148	45,331	30	2,242	13,564	1
40 University of Florida	99,483	17,759	1,946	10,169	14,361	2,999	732	39,505	745	2,796	7,571	900
Total 1st 40 institutions	7,025,551	206,601	39,154	1,005,490	678,042	352,859	36,195	3,602,816	20,114	297,653	758,052	28,575
41 Michigan State Universit	97,135	24,717	280	3,335	17,315	4,045	187	22,564	262	801	22,647	982
42 Univ of MD College Park	95,043	9,182	4,536	14,891	9,159	7,853	1,353	6,526	169	22,324	18,612	438
43 Georgia Institute of Tec	94,779	242	1,580	69,153	0	1,507	2,952	3,950	279	5,188	8,996	932
44 Texas A & M University	93,017	35,350	2,613	5,806	11,345	4,682	958	11,785	359	5,054	14,968	97
45 Vanderbilt University	92,481	65	0	7,891	5,027	1,057	75	73,047	0	2,937	2,289	93
46 Purdue University	92,339	20,231	70	6,687	12,765	7,771	390	20,873	536	3,278	18,418	1,320
47 Baylor Col of Medicine	90,272	8,617	103	778	1,873	951	192	76,118	0	718	922	0
48 California Inst of Tech	90,105	0	91	14,170	0	10,463	292	18,394	1,970	11,745	32,980	0
49 University of Miami	89,705	1	3,251	6,408	8,592	224	353	60,126	0	2,201	8,549	0
50 Boston University	86,658	0	100	7,470	12,410	2,785	106	53,428	0	1,475	8,835	49
Total 1st 50 institutions	7,947,085	305,006	51,778	1,142,079	756,528	394,197	43,053	3,949,627	23,689	353,374	895,268	32,486

See explanatory information, if any, and SOURCE at end of table.

Table C-8. Federal obligations to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
51 University of Virginia	86,075	100	2,321	9,779	7,869	2,648	319	47,458	442	4,728	9,791	620
52 Northwestern University	85,019	340	113	9,494	9,940	3,847	0	44,243	50	1,671	15,321	0
53 Univ of Tennessee All Cm	84,882	16,392	0	2,781	19,156	11,748	358	25,970	189	2,016	6,272	0
54 University of Cincinnati	83,448	206	0	3,093	23,135	401	5,800	46,302	0	1,695	2,816	0
55 University of Kentucky	79,964	17,595	48	641	28,877	4,213	245	21,886	498	334	5,377	250
56 Yeshiva University	79,779	0	0	295	1,000	0	0	78,201	0	0	283	0
57 Rutgers the St U of NJ	76,670	11,343	1,921	3,644	17,581	863	1,258	22,870	105	1,137	15,343	605
58 Utah State University	75,655	5,915	0	42,929	17,342	1,099	253	4,387	546	1,261	1,823	100
59 New Mexico State Univ	73,129	6,950	537	19,060	11,842	7,033	160	2,996	276	21,329	2,946	0
60 Oregon State University	70,185	15,085	5,748	6,154	8,812	1,499	2,734	8,305	3,999	2,769	14,299	783
Total 1st 60 institutions	8,741,891	378,932	62,464	1,239,949	902,082	427,548	54,180	4,252,245	29,794	390,314	969,539	34,844
61 N C State Univ at Raleig	70,037	24,630	2,034	6,727	7,900	1,876	2,805	6,300	681	3,672	9,377	4,035
62 Emory University	69,345	270	0	1,141	3,789	424	0	60,806	0	270	2,645	0
63 Univ of Ill Chicago	66,488	87	78	1,628	12,654	780	307	42,502	0	277	6,015	2,160
64 Iowa State University	66,466	30,582	1,755	1,684	12,234	1,548	580	6,834	424	1,439	5,138	4,248
65 Univ of Cal Irvine	63,307	210	0	6,977	8,027	4,091	121	35,332	0	1,520	7,029	0
66 Princeton University	63,221	0	10	10,431	4,376	6,344	622	16,717	308	4,062	20,351	0
67 Univ of Hawaii-Manoa	62,744	12,845	228	2,443	9,023	2,395	3	13,431	0	7,131	13,107	2,138
68 University of Georgia	62,684	22,088	1,121	1,437	6,952	9,949	1,307	10,997	387	456	5,769	2,221
69 Carnegie-Mellon Univ	61,834	0	99	20,537	4,598	3,484	389	8,225	259	3,194	20,835	214
70 U Tex SW Med Ctr Dallas	61,767	0	0	125	0	139	0	59,806	0	1,316	381	0
Total 1st 70 institutions	9,389,784	469,644	67,789	1,293,079	971,635	458,578	60,314	4,513,195	31,853	413,651	1,060,186	49,860
71 Colorado State Universit	61,656	10,602	2,375	4,767	9,312	1,474	976	19,158	1,433	1,828	9,052	679
72 Virginia Commonwlth Univ	58,575	0	0	581	7,166	216	112	49,500	0	452	548	0
73 University of New Mexico	58,019	0	468	11,652	19,299	1,766	190	17,811	76	1,363	5,384	10
74 U P R - Regional Col Adm	57,590	0	0	0	57,417	0	0	73	0	0	0	100
75 Georgetown University	56,967	552	65	13,650	6,600	350	359	32,924	0	0	1,467	1,000
76 SUNY at Stony Brook	56,928	0	0	433	1,707	4,155	95	33,093	0	1,760	15,685	0
77 University of Connecticu	56,855	4,756	3,804	2,134	7,067	798	523	32,589	105	294	4,628	157
78 Florida State University	56,223	0	456	1,352	10,288	12,377	603	4,401	0	1,871	24,492	383
79 Univ of Cal Santa Barbar	55,636	313	335	12,650	8,346	3,691	457	5,322	209	3,932	19,908	473
80 CUNY Mount Sinai Schl Me	54,588	0	0	0	876	176	0	52,672	0	355	509	0
Total 1st 80 institutions	9,964,821	485,867	75,292	1,340,298	1,099,713	483,581	63,629	4,760,738	33,676	425,506	1,141,859	52,662
81 Univ of MD Balt Prof Sch	54,357	35	0	728	1,284	235	343	50,881	0	100	751	0
82 Woods Hole Ocngrphic Ins	54,118	0	2,051	22,477	0	1,266	0	347	1,000	787	26,190	0
83 VA Polytech Inst & St U	53,513	16,599	185	5,115	6,067	7,115	551	3,088	2,362	4,864	6,847	720
84 University of Kansas	52,622	0	150	1,268	15,526	680	21	29,842	246	1,168	3,619	102
85 Univ of Nebraska-Lincoln	52,307	18,322	385	2,070	10,580	6,263	229	3,301	104	695	7,302	3,056
86 Gallaudet University	52,263	0	0	0	51,323	0	0	348	0	71	521	0
87 Wayne State University	52,047	0	0	902	13,284	266	345	34,062	50	187	2,951	0
88 U of Med & Dent of NJ	51,871	250	0	480	1,269	319	547	47,886	0	314	806	0
89 West Virginia University	50,638	9,526	0	574	8,178	17,165	2,574	7,379	2,150	509	2,084	499
90 Univ of Missouri Columbi	50,584	18,311	0	603	8,879	1,333	446	16,166	26	74	4,697	49
Total 1st 90 institutions	10,487,141	548,910	78,063	1,374,515	1,216,103	518,223	68,685	4,954,038	39,614	434,275	1,197,627	57,088

See explanatory information, if any, and SOURCE at end of table.

Table C-8. Federal obligations to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
91 Oregon Hlth Sciences Uni	49,398	0	0	623	342	12,428	0	35,544	0	0	461	0
92 SUNY at Buffalo All Cmps	48,539	734	0	6,335	0	658	1,171	28,855	18	609	10,159	0
93 Tufts University	47,904	11,838	0	1,619	2,396	897	3,543	25,219	6	50	2,336	0
94 Oklahoma State Universit	46,886	13,272	7	9,353	13,088	470	618	2,144	384	5,026	2,424	100
95 Univ of VT & St Agric Co	45,809	7,115	0	511	3,959	630	295	30,783	158	25	2,333	0
96 U Tex Hlth Sci Ctr S Ant	44,964	322	0	818	813	0	0	42,528	0	63	420	0
97 Brown University	44,658	190	130	7,155	5,383	2,832	0	16,047	169	1,366	11,386	0
98 Arizona State University	43,633	219	25	3,544	17,438	3,020	186	5,756	0	2,590	10,730	125
99 Wake Forest University	43,618	2,767	239	379	1,437	43	0	38,114	0	262	377	0
100 Dartmouth College	42,940	251	0	3,195	3,086	920	0	32,004	58	1,080	2,346	0
Total 1st 100 institutions	10,945,490	585,618	78,464	1,408,047	1,264,045	540,121	74,498	5,211,032	40,407	445,346	1,240,599	57,313

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-9. Federal obligations to universities and colleges, by highest degree granted in the sciences and engineering, type of institutional control, and agency: fiscal year 1991

[Dollars in thousands]

Highest degree granted and type of institutional control	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total, all degree levels:												
All institutions	17,414,781	876,162	135,550	1,729,637	5,342,935	662,223	115,925	6,124,906	100,420	592,923	1,642,261	91,839
Public	10,519,163	813,904	116,584	780,710	3,323,639	417,953	90,112	3,395,482	82,417	399,646	1,024,678	74,038
Private	6,895,618	62,258	18,966	948,927	2,019,296	244,270	25,813	2,729,424	18,003	193,277	617,583	17,801
Doctorate:												
All institutions	13,781,896	793,419	126,539	1,646,624	2,179,496	643,627	107,414	6,019,331	77,750	546,359	1,551,745	89,592
Public	8,438,577	737,390	107,939	740,134	1,552,013	405,422	83,473	3,331,133	67,433	364,090	976,616	72,934
Private	5,343,319	56,029	18,600	906,490	627,483	238,205	23,941	2,688,198	10,317	182,269	575,129	16,658
Master's:												
All institutions	1,339,802	57,408	3,953	41,126	1,067,769	10,652	6,765	65,343	1,827	26,034	58,093	832
Public	917,950	51,440	3,753	11,908	721,151	9,155	5,971	49,536	1,757	21,982	40,781	516
Private	421,852	5,968	200	29,218	346,618	1,497	794	15,807	70	4,052	17,312	316
Bachelor's:												
All institutions	1,055,327	23,093	773	14,879	939,829	1,935	983	27,591	331	18,174	26,582	1,157
Public	337,508	22,863	607	4,467	282,895	1,427	193	9,795	331	11,351	3,102	477
Private	717,819	230	166	10,412	656,934	508	790	17,796	0	6,823	23,480	680
No science & engineering degrees:												
All institutions	1,237,756	2,242	4,285	27,008	1,155,841	6,009	763	12,641	20,512	2,356	5,841	258
Public	825,128	2,211	4,285	24,201	767,580	1,949	475	5,018	12,896	2,223	4,179	111
Private	412,628	31	0	2,807	388,261	4,060	288	7,623	7,616	133	1,662	147

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-10. Number of universities and colleges receiving Federal obligations, by highest degree granted in the sciences and engineering, type of institutional control, and type of activity: fiscal year 1991

Highest degree granted and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Total, all degree levels:									
All institutions	2,463	1,143	803	108	414	513	472	546	2,351
Public	994	624	462	72	228	295	288	350	907
Private	1,469	519	341	36	186	218	184	196	1,444
Doctorate:									
All institutions	362	342	333	103	131	280	272	263	338
Public	218	215	214	71	88	179	177	182	200
Private	144	127	119	32	43	101	95	81	138
Master's:									
All institutions	321	261	196	4	116	111	83	128	308
Public	186	171	137	1	75	74	57	94	177
Private	135	90	59	3	41	37	26	34	131
Bachelor's:									
All institutions	766	333	187	1	117	98	76	109	753
Public	114	80	49	0	21	26	23	41	110
Private	652	253	138	1	96	72	53	68	643
No science & engineering degrees:									
All institutions	1,014	207	87	0	50	24	41	46	952
Public	476	158	62	0	44	16	31	33	420
Private	538	49	25	0	6	8	10	13	532

1/ See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-11. Federal obligations to universities and colleges, by highest degree granted in the sciences and engineering, type of institutional control, and type of activity: fiscal year 1991

[Dollars in thousands]

Highest degree granted and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellow-ships, trainee-ships, and training grants	General support for science and engineering	Other science and engineering activities	
Total, all degree levels:									
All institutions	17,414,781	11,814,539	10,014,322	151,708	32,652	472,871	192,590	950,396	5,600,242
Public	10,519,163	7,077,444	5,895,558	104,191	23,573	249,749	135,383	668,990	3,441,719
Private	6,895,618	4,737,095	4,118,764	47,517	9,079	223,122	57,207	281,406	2,158,523
Doctorate:									
All institutions	13,781,896	11,384,137	9,774,272	149,785	14,174	445,906	152,093	847,907	2,397,759
Public	8,438,577	6,791,449	5,738,451	103,950	11,975	233,701	108,115	595,257	1,647,128
Private	5,343,319	4,592,688	4,035,821	45,835	2,199	212,205	43,978	252,650	750,631
Master's:									
All institutions	1,339,802	273,357	163,155	1,902	7,255	14,627	21,043	65,375	1,066,445
Public	917,950	204,562	119,877	241	4,908	11,503	16,505	51,528	713,388
Private	421,852	68,795	43,278	1,661	2,347	3,124	4,538	13,847	353,057
Bachelor's:									
All institutions	1,055,327	112,963	55,361	21	5,411	9,824	15,244	27,102	942,364
Public	337,508	55,806	28,328	0	1,124	3,678	7,952	14,724	281,702
Private	717,819	57,157	27,033	21	4,287	6,146	7,292	12,378	660,662
No science & engineering degrees:									
All institutions	1,237,756	44,082	21,534	0	5,812	2,514	4,210	10,012	1,193,674
Public	825,128	25,627	8,902	0	5,566	867	2,811	7,481	799,501
Private	412,628	18,455	12,632	0	246	1,647	1,399	2,531	394,173

1/ See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-12. Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
United States, total:									
Public institutions:									
Amount	10,519,163	7,077,444	5,895,558	104,191	23,573	249,749	135,383	668,990	3,441,719
Number	994	624	462	72	228	295	288	350	907
Private institutions:									
Amount	6,895,618	4,737,095	4,118,764	47,517	9,079	223,122	57,207	281,406	2,158,523
Number	1,469	519	341	36	186	218	184	196	1,444
New England:									
Public institutions:									
Amount	384,706	251,754	211,462	3,110	393	5,323	6,774	24,692	132,952
Number	74	39	23	2	7	9	14	22	71
Private institutions:									
Amount	1,099,457	933,991	844,081	16,182	834	51,247	8,609	13,038	165,466
Number	135	63	48	9	24	26	20	36	131
Connecticut:									
Public institutions:									
Amount	69,883	51,994	43,072	0	0	1,543	2,583	4,796	17,889
Number	19	5	3	0	0	1	2	4	19
Private institutions:									
Amount	196,168	175,418	155,600	3,350	77	12,501	1,545	2,345	20,750
Number	19	9	6	2	3	4	3	6	19
Maine:									
Public institutions:									
Amount	36,590	13,095	8,921	0	79	108	10	3,977	23,495
Number	10	8	5	0	2	2	1	5	10
Private institutions:									
Amount	10,768	1,011	819	0	88	2	62	40	9,757
Number	15	6	5	0	3	2	1	1	15
Massachusetts:									
Public institutions:									
Amount	151,568	93,069	83,544	0	138	1,513	1,975	5,899	58,499
Number	29	17	8	0	3	2	6	8	27
Private institutions:									
Amount	774,988	677,333	614,971	12,720	388	35,756	6,149	7,349	97,655
Number	66	36	30	6	14	16	14	23	63
New Hampshire:									
Public institutions:									
Amount	32,595	23,885	19,443	0	100	680	653	3,009	8,710
Number	7	4	3	0	1	2	2	2	6
Private institutions:									
Amount	49,771	38,266	36,058	0	176	1,423	495	114	11,505
Number	13	3	2	0	2	1	1	1	12
Rhode Island:									
Public institutions:									
Amount	41,504	26,978	19,163	2,749	76	418	1,243	3,329	14,526
Number	3	2	1	1	1	1	2	2	3
Private institutions:									
Amount	54,702	39,961	36,080	112	73	1,563	358	1,775	14,741
Number	7	3	2	1	1	1	1	2	7
Vermont:									
Public institutions:									
Amount	52,566	42,733	37,319	361	0	1,061	310	3,682	9,833
Number	6	3	3	1	0	1	1	1	6
Private institutions:									
Amount	13,060	2,002	553	0	32	2	0	1,415	11,058
Number	15	6	3	0	1	2	0	3	15

See explanatory information, if any, and SOURCE at end of table.

Table C-12. Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Middle Atlantic:									
Public institutions:									
Amount	906,748	644,527	572,673	4,347	1,522	14,407	11,098	40,480	262,221
Number	120	74	55	4	25	32	28	21	101
Private institutions:									
Amount	1,729,789	1,297,265	1,146,067	19,895	2,927	58,524	11,719	58,133	432,524
Number	288	115	83	13	51	52	47	46	282
New Jersey:									
Public institutions:									
Amount	166,765	106,394	90,640	2,468	77	3,159	2,213	7,837	60,371
Number	22	10	8	1	3	5	2	5	19
Private institutions:									
Amount	95,859	67,830	59,929	291	121	4,904	238	2,347	28,029
Number	21	10	8	1	2	4	2	5	21
New York:									
Public institutions:									
Amount	268,896	187,125	165,852	489	1,005	4,067	7,090	8,622	81,771
Number	74	47	36	2	16	19	22	11	61
Private institutions:									
Amount	1,159,900	864,162	751,241	16,979	1,345	35,720	8,670	50,207	295,738
Number	162	62	44	6	27	28	30	27	157
Pennsylvania:									
Public institutions:									
Amount	471,087	351,008	316,181	1,390	440	7,181	1,795	24,021	120,079
Number	24	17	11	1	6	8	4	5	21
Private institutions:									
Amount	474,030	365,273	334,897	2,625	1,461	17,900	2,811	5,579	108,757
Number	105	43	31	6	22	20	15	14	104
East North Central:									
Public institutions:									
Amount	1,802,974	1,172,596	997,538	14,433	3,609	43,266	17,130	96,620	630,378
Number	109	76	60	10	39	38	35	46	98
Private institutions:									
Amount	665,576	383,994	344,711	1,115	1,768	22,323	4,160	9,917	281,582
Number	244	85	52	2	36	32	18	22	239
Illinois:									
Public institutions:									
Amount	344,951	214,210	174,739	1,971	323	5,490	3,194	28,493	130,741
Number	38	21	15	3	7	9	8	12	32
Private institutions:									
Amount	292,018	212,007	187,546	173	314	15,873	2,023	6,078	80,011
Number	76	24	13	1	6	14	8	4	75
Indiana:									
Public institutions:									
Amount	254,172	165,779	140,543	2,349	584	5,689	1,644	14,970	88,393
Number	6	6	4	2	5	3	2	5	6
Private institutions:									
Amount	67,881	18,365	15,339	942	601	559	347	577	49,516
Number	38	15	8	1	8	6	3	5	37
Michigan:									
Public institutions:									
Amount	497,310	356,912	312,066	4,618	602	16,678	4,846	18,102	140,398
Number	20	15	12	2	9	5	9	8	20
Private institutions:									
Amount	56,835	2,471	1,670	0	191	76	32	502	54,364
Number	37	12	10	0	4	2	1	3	35

See explanatory information, if any, and SOURCE at end of table.

Table C-12. Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
East North Central, cont'd:									
Ohio:									
Public institutions:									
Amount	386,615	209,800	177,848	194	1,387	5,619	5,787	18,965	176,815
Number	27	19	17	2	9	12	12	11	23
Private institutions:									
Amount	190,492	122,242	113,265	0	451	5,263	947	2,316	68,250
Number	65	22	14	0	12	6	4	6	65
Wisconsin:									
Public institutions:									
Amount	319,926	225,895	192,342	5,301	713	9,790	1,659	16,090	94,031
Number	18	15	12	1	9	9	4	10	17
Private institutions:									
Amount	58,350	28,909	26,891	0	211	552	811	444	29,441
Number	28	12	7	0	6	4	2	4	27
West North Central:									
Public institutions:									
Amount	906,604	591,650	451,675	27,958	5,222	18,623	6,414	81,758	314,954
Number	93	57	41	10	19	28	21	33	88
Private institutions:									
Amount	304,458	166,311	147,220	577	1,003	12,915	2,183	2,433	138,147
Number	154	48	27	1	22	14	12	18	153
Iowa:									
Public institutions:									
Amount	190,117	149,985	124,149	5,677	37	6,082	1,073	12,967	40,132
Number	9	7	4	2	2	4	2	3	7
Private institutions:									
Amount	35,475	2,218	665	0	360	131	312	750	33,257
Number	35	13	7	0	7	2	2	6	35
Kansas:									
Public institutions:									
Amount	116,441	77,780	50,871	8,519	75	2,315	1,210	14,790	38,661
Number	9	6	5	2	4	2	3	5	9
Private institutions:									
Amount	14,301	96	23	0	7	1	0	65	14,205
Number	19	4	1	0	1	1	0	1	19
Minnesota:									
Public institutions:									
Amount	274,636	200,064	171,138	20	224	7,228	2,026	19,428	74,572
Number	27	12	7	1	4	4	3	6	26
Private institutions:									
Amount	29,608	3,359	1,961	0	413	84	368	533	26,249
Number	28	14	8	0	10	7	4	3	28
Missouri:									
Public institutions:									
Amount	133,076	59,533	41,110	236	115	1,477	1,046	15,549	73,543
Number	19	14	11	1	4	9	7	9	19
Private institutions:									
Amount	190,741	155,942	140,783	577	197	12,514	943	928	34,799
Number	43	10	6	1	3	2	3	6	42
Nebraska:									
Public institutions:									
Amount	83,248	53,889	39,343	4,365	189	489	918	8,585	29,359
Number	10	6	6	1	2	3	2	4	9
Private institutions:									
Amount	16,820	3,701	3,481	0	0	184	36	0	13,119
Number	13	3	3	0	0	1	1	0	13

See explanatory information, if any, and SOURCE at end of table.

Table C-12. Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
West North Central, cont'd:									
North Dakota:									
Public institutions:									
Amount	72,285	37,045	18,494	7,230	4,543	809	70	5,899	35,240
Number	9	5	3	2	2	3	2	2	8
Private institutions:									
Amount	6,803	439	172	0	0	0	267	0	6,364
Number	6	1	1	0	0	0	1	0	6
South Dakota:									
Public institutions:									
Amount	36,801	13,354	6,570	1,911	39	223	71	4,540	23,447
Number	10	7	5	1	1	3	2	4	10
Private institutions:									
Amount	10,710	556	135	0	26	1	237	157	10,154
Number	10	3	1	0	1	1	1	2	10
South Atlantic:									
Public institutions:									
Amount	1,544,208	1,062,712	841,035	12,108	2,048	38,666	21,842	147,013	481,496
Number	174	115	83	13	41	59	59	59	160
Private institutions:									
Amount	1,649,533	1,143,998	914,932	6,477	1,182	37,472	17,111	166,824	505,535
Number	227	72	47	7	19	36	33	23	224
Delaware:									
Public institutions:									
Amount	35,195	24,797	19,688	0	25	1,016	1,172	2,896	10,398
Number	3	3	2	0	1	3	3	2	3
Private institutions:									
Amount	1,790	0	0	0	0	0	0	0	1,790
Number	3	0	0	0	0	0	0	0	3
District of Columbia:									
Public institutions:									
Amount	6,352	4,044	2,202	0	51	269	455	1,067	2,308
Number	1	1	1	0	1	1	1	1	1
Private institutions:									
Amount	349,121	105,552	89,677	2,100	29	3,144	3,459	7,143	243,569
Number	12	7	7	2	1	6	6	5	12
Florida:									
Public institutions:									
Amount	275,804	174,614	144,928	2,620	215	5,805	3,881	17,165	101,190
Number	19	14	9	2	5	9	8	11	16
Private institutions:									
Amount	154,368	80,267	72,449	542	247	2,679	2,578	1,772	74,101
Number	45	11	6	1	2	3	6	4	45
Georgia:									
Public institutions:									
Amount	230,399	164,320	115,048	2,396	388	3,161	2,106	41,221	66,079
Number	29	19	13	2	6	9	9	7	27
Private institutions:									
Amount	147,683	97,675	79,116	250	189	6,874	4,865	6,381	50,008
Number	36	11	10	1	4	9	7	3	34
Maryland:									
Public institutions:									
Amount	202,073	152,562	130,509	636	301	3,195	2,752	15,169	49,511
Number	24	20	16	2	5	10	9	9	20
Private institutions:									
Amount	668,757	653,714	491,712	106	84	14,744	2,703	144,365	15,043
Number	19	9	6	1	3	4	2	3	19

See explanatory information, if any, and SOURCE at end of table.

Table C-12. Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
South Atlantic, cont'd:									
North Carolina:									
Public institutions:									
Amount	300,367	225,363	176,810	257	671	11,760	6,184	29,681	75,004
Number	27	17	12	1	11	10	14	9	26
Private institutions:									
Amount	234,111	183,363	163,703	3,479	184	8,786	2,422	4,789	50,748
Number	47	13	7	2	4	8	6	1	46
South Carolina:									
Public institutions:									
Amount	123,839	75,535	54,630	2,745	163	1,900	1,302	14,795	48,304
Number	19	11	8	3	5	7	5	6	16
Private institutions:									
Amount	27,969	1,708	366	0	274	280	481	307	26,261
Number	24	7	2	0	2	2	1	3	24
Virginia:									
Public institutions:									
Amount	290,710	199,256	165,660	967	234	9,319	3,711	19,365	91,454
Number	36	20	14	2	7	8	7	13	36
Private institutions:									
Amount	51,798	17,699	15,758	0	175	965	603	198	34,099
Number	30	11	6	0	3	4	5	3	30
West Virginia:									
Public institutions:									
Amount	79,469	42,221	31,560	2,487	0	2,241	279	5,654	37,248
Number	16	10	8	1	0	2	3	1	15
Private institutions:									
Amount	13,936	4,020	2,151	0	0	0	0	1,869	9,916
Number	11	3	3	0	0	0	0	1	11
East South Central:									
Public institutions:									
Amount	717,913	383,905	302,231	1,395	702	13,409	5,550	60,618	334,008
Number	90	45	33	4	17	24	22	28	83
Private institutions:									
Amount	254,606	113,421	91,624	679	335	8,543	5,560	6,680	141,185
Number	112	25	13	1	9	12	12	5	112
Alabama:									
Public institutions:									
Amount	281,796	175,143	150,431	982	273	7,457	2,251	13,749	106,653
Number	47	18	11	2	7	8	8	9	44
Private institutions:									
Amount	47,142	12,050	5,387	679	25	1,367	1,471	3,121	35,092
Number	23	7	2	1	1	6	4	2	23
Kentucky:									
Public institutions:									
Amount	142,196	62,598	46,105	0	155	1,283	712	14,343	79,598
Number	8	8	7	0	3	4	3	5	8
Private institutions:									
Amount	25,307	138	85	0	15	0	38	0	25,169
Number	28	3	2	0	1	0	1	0	28
Mississippi:									
Public institutions:									
Amount	139,913	62,033	42,920	0	37	2,812	1,222	15,042	77,880
Number	16	11	7	0	2	8	7	7	14
Private institutions:									
Amount	17,778	718	50	0	0	325	343	0	17,060
Number	16	3	1	0	0	2	3	0	16
Tennessee:									
Public institutions:									
Amount	154,008	84,131	62,775	413	237	1,857	1,365	17,484	69,877
Number	19	8	8	2	5	4	4	7	17
Private institutions:									
Amount	164,379	100,515	86,102	0	295	6,851	3,708	3,559	63,864
Number	45	12	8	0	7	4	4	3	45

See explanatory information, if any, and SOURCE at end of table.

Table C-12. Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
West South Central:									
Public institutions:									
Amount	1,163,763	677,004	535,690	9,060	5,832	18,740	23,146	84,536	486,759
Number	114	77	58	6	30	43	36	50	104
Private institutions:									
Amount	276,770	158,200	141,602	256	259	4,737	2,878	8,468	118,570
Number	88	34	23	1	7	16	14	14	88
Arkansas:									
Public institutions:									
Amount	109,047	45,205	25,666	4,751	355	878	870	12,685	63,842
Number	15	9	6	1	5	4	4	8	15
Private institutions:									
Amount	15,071	393	119	0	0	1	117	156	14,678
Number	14	4	4	0	0	1	1	1	14
Louisiana:									
Public institutions:									
Amount	219,340	91,995	75,559	0	198	1,380	3,499	11,359	127,345
Number	12	11	10	0	5	8	5	5	12
Private institutions:									
Amount	54,073	28,404	26,121	0	18	1,130	864	271	25,669
Number	9	4	3	0	1	3	4	1	9
Oklahoma:									
Public institutions:									
Amount	143,552	56,644	32,079	176	101	1,923	939	21,426	86,908
Number	25	12	7	1	3	6	3	7	22
Private institutions:									
Amount	15,667	1,210	1,069	0	15	126	0	0	14,457
Number	13	1	1	0	1	1	0	0	13
Texas:									
Public institutions:									
Amount	691,824	483,160	402,386	4,133	5,178	14,559	17,838	39,066	208,664
Number	82	45	35	4	17	25	24	30	55
Private institutions:									
Amount	191,959	128,193	114,293	256	226	3,480	1,897	8,041	63,766
Number	52	25	15	1	5	11	9	12	52
Mountain:									
Public institutions:									
Amount	994,946	678,209	564,830	20,666	1,811	25,687	12,603	52,612	316,737
Number	77	50	42	9	17	22	26	33	73
Private institutions:									
Amount	68,324	14,742	13,190	0	70	290	255	937	53,582
Number	46	14	10	0	3	4	6	5	46
Arizona:									
Public institutions:									
Amount	194,910	142,584	126,317	600	177	5,220	1,488	8,782	52,326
Number	10	6	6	2	2	4	4	3	9
Private institutions:									
Amount	4,538	301	45	0	0	20	80	156	4,237
Number	10	2	1	0	0	1	2	1	10
Colorado:									
Public institutions:									
Amount	282,801	201,434	175,824	2,643	415	7,683	5,239	9,630	81,367
Number	20	11	9	2	6	4	5	7	20
Private institutions:									
Amount	17,685	7,498	7,096	0	56	205	31	110	10,187
Number	18	4	3	0	2	2	1	1	18
Idaho:									
Public institutions:									
Amount	51,349	25,590	12,718	6,372	49	158	98	6,195	25,759
Number	5	4	3	1	1	3	1	4	5
Private institutions:									
Amount	6,366	14	0	0	14	0	0	0	6,352
Number	4	1	0	0	1	0	0	0	4

See explanatory information, if any, and SOURCE at end of table.

Table C-12. Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Mountain, cont'd:									
Montana:									
Public institutions:									
Amount	42,339	22,471	15,396	1,381	64	478	694	4,458	19,868
Number	11	6	4	2	2	3	3	5	11
Private institutions:									
Amount	10,045	1,213	820	0	0	0	49	344	8,832
Number	7	4	4	0	0	0	1	1	7
Nevada:									
Public institutions:									
Amount	32,869	21,823	18,611	0	97	424	425	2,266	11,046
Number	8	4	4	0	2	2	3	3	7
Private institutions:									
Amount	177	0	0	0	0	0	0	0	177
Number	1	0	0	0	0	0	0	0	1
New Mexico:									
Public institutions:									
Amount	163,663	100,565	80,720	0	1,009	8,818	3,031	6,987	63,098
Number	11	9	8	0	4	3	5	6	11
Private institutions:									
Amount	1,487	287	0	0	0	0	85	202	1,200
Number	1	1	0	0	0	0	1	1	1
Utah:									
Public institutions:									
Amount	205,161	149,474	124,358	9,670	0	2,442	1,587	11,417	55,687
Number	9	7	5	2	0	2	4	4	9
Private institutions:									
Amount	26,559	5,429	5,229	0	0	65	10	125	21,130
Number	4	2	2	0	0	1	1	1	4
Wyoming:									
Public institutions:									
Amount	21,854	14,268	10,886	0	0	464	41	2,877	7,586
Number	3	3	3	0	0	1	1	1	1
Private institutions:									
Amount	1,467	0	0	0	0	0	0	0	1,467
Number	1	0	0	0	0	0	0	0	1
Pacific:									
Public institutions:									
Amount	1,985,582	1,574,572	1,396,193	11,114	2,415	70,374	26,070	68,406	411,010
Number	124	76	57	14	32	35	38	48	111
Private institutions:									
Amount	654,098	518,615	472,035	2,336	651	26,859	3,503	13,231	135,483
Number	155	51	33	2	13	25	18	19	150
Alaska:									
Public institutions:									
Amount	34,123	29,241	25,406	0	0	270	1,710	1,855	4,882
Number	4	3	3	0	0	2	1	2	3
Private institutions:									
Amount	1,020	40	40	0	0	0	0	0	980
Number	4	1	1	0	0	0	0	0	4
California:									
Public institutions:									
Amount	1,282,416	1,032,459	934,519	2,464	1,432	49,396	13,079	31,569	249,957
Number	69	44	36	9	20	20	21	27	59
Private institutions:									
Amount	604,891	507,760	463,837	2,336	287	26,587	3,292	11,421	97,131
Number	110	30	20	2	6	18	14	12	107

See explanatory information, if any, and SOURCE at end of table.

Table C-12. Federal obligations to universities and colleges and the number of recipient institutions, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991

[Dollars in thousands]

Geographic division, State, and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Pacific, cont'd:									
Hawaii:									
Public institutions:									
Amount	81,495	63,511	47,291	6,378	12	1,151	4,158	4,521	17,984
Number	9	4	3	1	1	2	3	3	9
Private institutions:									
Amount	2,225	27	0	0	0	27	0	0	2,198
Number	3	1	0	0	0	1	0	0	3
Oregon:									
Public institutions:									
Amount	188,915	139,820	117,050	492	476	4,255	2,605	14,942	49,095
Number	13	11	7	2	5	4	7	8	11
Private institutions:									
Amount	22,456	8,704	7,403	0	108	19	81	1,093	13,752
Number	21	9	6	0	3	2	2	4	19
Washington:									
Public institutions:									
Amount	398,633	309,541	271,927	1,780	495	15,302	4,518	15,519	89,092
Number	29	16	8	2	6	7	6	8	29
Private institutions:									
Amount	23,506	2,084	755	0	256	226	130	717	21,422
Number	17	10	6	0	4	4	2	3	17
Outlying areas:									
Public institutions:									
Amount	111,719	40,515	22,231	0	19	1,254	4,756	12,255	71,204
Number	19	13	10	0	1	5	9	10	18
Private institutions:									
Amount	193,007	6,558	3,302	0	50	212	1,249	1,745	186,449
Number	20	20	20	0	2	1	4	8	19
Guam:									
Public institutions:									
Amount	4,359	3,262	1,325	0	0	0	270	1,667	1,097
Number	2	1	1	0	0	0	1	1	2
Puerto Rico:									
Public institutions:									
Amount	96,740	31,946	18,348	0	19	1,254	4,202	8,123	64,794
Number	12	8	5	0	1	5	6	5	12
Private institutions:									
Amount	193,007	6,558	3,302	0	50	212	1,249	1,745	186,449
Number	20	12	5	0	2	1	4	8	19
American Samoa:									
Public institutions:									
Amount	1,727	1,291	657	0	0	0	61	573	436
Number	1	1	1	0	0	0	1	1	1
Virgin Islands:									
Public institutions:									
Amount	3,492	2,083	1,048	0	0	0	223	812	1,409
Number	1	1	1	0	0	0	1	1	1
Trust Territory Pac Isl:									
Public institutions:									
Amount	5,401	1,933	853	0	0	0	0	1,080	3,468
Number	3	2	2	0	0	0	0	2	2

1/ See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-13. Percentage distribution of Federal obligations to public and private universities and colleges, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991

Geographic division, State, and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
United States, total:									
Public institutions	60.4	59.9	58.9	68.7	72.2	52.8	70.3	70.4	61.4
Private institutions	39.6	40.1	41.1	31.3	27.8	47.2	29.7	29.6	38.6
New England, total:									
Public institutions	25.9	21.2	20.0	16.1	32.0	9.4	44.0	65.4	44.6
Private institutions	74.1	78.8	80.0	83.9	68.0	90.6	56.0	34.6	55.4
Connecticut:									
Public institutions	26.3	22.9	21.7	.0	.0	11.0	62.6	67.2	46.3
Private institutions	73.7	77.1	78.3	100.0	100.0	89.0	37.4	32.8	53.7
Maine:									
Public institutions	77.3	92.8	91.6	.0	47.3	98.2	13.9	99.0	70.6
Private institutions	22.7	7.2	8.4	.0	52.7	1.8	86.1	1.0	29.4
Massachusetts:									
Public institutions	16.4	12.1	12.0	.0	26.2	4.0	24.3	44.5	37.5
Private institutions	83.6	87.9	88.0	100.0	73.8	96.0	75.7	55.5	62.5
New Hampshire:									
Public institutions	39.6	38.4	35.0	.0	36.2	32.3	56.9	96.3	43.1
Private institutions	60.4	61.6	65.0	.0	63.8	67.7	43.1	3.7	56.9
Rhode Island:									
Public institutions	43.1	40.3	34.7	96.1	51.0	21.1	77.6	65.2	49.6
Private institutions	56.9	59.7	65.3	3.9	49.0	78.9	22.4	34.8	50.4
Vermont:									
Public institutions	80.1	95.5	98.5	100.0	.0	99.8	100.0	72.2	47.1
Private institutions	19.9	4.5	1.5	.0	100.0	.2	.0	27.8	52.9
Middle Atlantic, total:									
Public institutions	34.4	33.2	33.3	17.9	34.2	19.8	48.6	41.0	37.7
Private institutions	65.6	66.8	66.7	82.1	65.8	80.2	51.4	59.0	62.3
New Jersey:									
Public institutions	63.5	61.1	60.2	89.4	38.9	39.2	90.3	77.0	68.3
Private institutions	36.5	38.9	39.8	10.6	61.1	60.8	9.7	23.0	31.7
New York:									
Public institutions	18.8	17.8	18.1	2.8	42.8	10.2	45.0	14.6	21.7
Private institutions	81.2	82.2	81.9	97.2	57.2	89.8	55.0	85.4	78.3
Pennsylvania:									
Public institutions	49.8	49.0	48.6	34.6	23.1	28.6	39.0	81.2	52.5
Private institutions	50.2	51.0	51.4	65.4	76.9	71.4	61.0	18.8	47.5
East North Central, total:									
Public institutions	73.0	75.3	74.3	92.8	67.1	66.0	80.5	90.7	69.1
Private institutions	27.0	24.7	25.7	7.2	32.9	34.0	19.5	9.3	30.9
Illinois:									
Public institutions	54.2	50.2	48.2	91.9	50.7	25.7	61.2	82.4	62.0
Private institutions	45.8	49.8	51.8	8.1	49.3	74.3	38.8	17.6	38.0
Indiana:									
Public institutions	78.9	90.0	90.2	71.4	49.3	91.0	82.6	96.3	64.1
Private institutions	21.1	10.0	9.8	28.6	50.7	9.0	17.4	3.7	35.9
Michigan:									
Public institutions	89.7	99.3	99.5	100.0	75.9	99.5	99.3	97.3	72.1
Private institutions	10.3	.7	.5	.0	24.1	.5	.7	2.7	27.9
Ohio:									
Public institutions	67.0	63.2	61.1	100.0	75.5	51.6	85.9	89.1	72.2
Private institutions	33.0	36.8	38.9	.0	24.5	48.4	14.1	10.9	27.8
Wisconsin:									
Public institutions	84.4	88.4	87.5	100.0	77.2	94.7	67.2	97.3	76.2
Private institutions	15.6	11.6	12.5	.0	22.8	5.3	32.8	2.7	23.8

See explanatory information, if any, and SOURCE at end of table.

Table C-13. Percentage distribution of Federal obligations to public and private universities and colleges, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991

Geographic division, State, and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
West North Central, total:									
Public institutions	74.9	78.0	75.4	98.0	83.9	59.0	74.8	97.1	69.5
Private institutions	25.1	22.0	24.6	2.0	16.1	41.0	25.2	2.9	30.5
Iowa:									
Public institutions	84.3	98.5	99.5	100.0	9.3	97.9	77.5	94.5	54.7
Private institutions	15.7	1.5	.5	.0	90.7	2.1	22.5	5.5	45.3
Kansas:									
Public institutions	89.1	99.9	100.0	100.0	91.5	100.0	100.0	99.6	73.1
Private institutions	10.9	.1	.0	.0	8.5	.0	.0	.4	26.9
Minnesota:									
Public institutions	90.3	98.3	98.9	100.0	35.2	98.8	84.6	97.3	74.0
Private institutions	9.7	1.7	1.1	.0	64.8	1.2	15.4	2.7	26.0
Missouri:									
Public institutions	41.1	27.6	22.6	29.0	36.8	10.6	52.6	94.4	67.9
Private institutions	58.9	72.4	77.4	71.0	63.2	89.4	47.4	5.6	32.1
Nebraska:									
Public institutions	83.2	93.6	91.9	100.0	100.0	72.6	96.2	100.0	69.1
Private institutions	16.8	6.4	8.1	.0	.0	27.4	3.8	.0	30.9
North Dakota:									
Public institutions	91.4	98.8	99.1	100.0	100.0	100.0	20.8	100.0	84.7
Private institutions	8.6	1.2	.9	.0	.0	.0	79.2	.0	15.3
South Dakota:									
Public institutions	77.4	96.0	98.0	100.0	60.0	99.6	23.0	96.6	69.8
Private institutions	22.6	4.0	2.0	.0	40.0	.4	77.0	3.4	30.2
South Atlantic, total:									
Public institutions	48.4	48.2	47.9	65.1	63.4	50.8	56.1	46.8	48.8
Private institutions	51.6	51.8	52.1	34.9	36.6	49.2	43.9	53.2	51.2
Delaware:									
Public institutions	95.2	100.0	100.0	.0	100.0	100.0	100.0	100.0	85.3
Private institutions	4.8	.0	.0	.0	.0	.0	.0	.0	14.7
District of Columbia:									
Public institutions	1.8	3.7	2.4	.0	63.7	7.9	11.6	13.0	.9
Private institutions	98.2	96.3	97.6	100.0	36.3	92.1	88.4	87.0	99.1
Florida:									
Public institutions	64.1	68.5	66.7	82.8	46.5	68.4	60.1	90.6	57.7
Private institutions	35.9	31.5	33.3	17.2	53.5	31.6	39.9	9.4	42.3
Georgia:									
Public institutions	61.0	62.9	59.4	90.6	67.2	31.5	30.2	86.6	56.9
Private institutions	39.0	37.1	40.6	9.4	32.8	68.5	69.8	13.4	43.1
Maryland:									
Public institutions	23.2	18.9	21.0	85.7	78.2	17.8	50.4	9.5	76.7
Private institutions	76.8	81.1	79.0	14.3	21.8	82.2	49.6	90.5	23.3
North Carolina:									
Public institutions	56.2	55.1	51.9	6.9	78.5	57.2	71.8	86.1	59.6
Private institutions	43.8	44.9	48.1	93.1	21.5	42.8	28.2	13.9	40.4
South Carolina:									
Public institutions	81.6	97.8	99.3	100.0	37.3	87.2	73.0	98.0	64.8
Private institutions	18.4	2.2	.7	.0	62.7	12.8	27.0	2.0	35.2
Virginia:									
Public institutions	84.9	91.8	91.3	100.0	57.2	90.6	86.0	99.0	72.8
Private institutions	15.1	8.2	8.7	.0	42.8	9.4	14.0	1.0	27.2
West Virginia:									
Public institutions	85.1	91.3	93.6	100.0	.0	100.0	100.0	75.2	79.0
Private institutions	14.9	8.7	6.4	0	.0	.0	.0	24.8	21.0

See explanatory information, if any, and SOURCE at end of table.

Table C-13. Percentage distribution of Federal obligations to public and private universities and colleges, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991

Geographic division, State, and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
East South Central, total:									
Public institutions	73.8	77.2	76.7	67.3	67.7	61.1	50.0	90.1	70.3
Private institutions	26.2	22.8	23.3	32.7	32.3	38.9	50.0	9.9	29.7
Alabama:									
Public institutions	85.7	93.6	96.5	59.1	91.6	84.5	60.5	81.5	75.2
Private institutions	14.3	6.4	3.5	40.9	8.4	15.5	39.5	18.5	24.8
Kentucky:									
Public institutions	84.9	99.8	99.8	.0	91.2	100.0	94.9	100.0	76.0
Private institutions	15.1	.2	.2	.0	8.8	.0	5.1	.0	24.0
Mississippi:									
Public institutions	88.7	98.8	99.9	.0	100.0	89.6	78.1	100.0	82.0
Private institutions	11.3	1.2	.1	.0	.0	10.4	21.9	.0	18.0
Tennessee:									
Public institutions	48.4	45.6	42.2	100.0	44.5	21.3	26.9	83.1	52.2
Private institutions	51.6	54.4	57.8	.0	55.5	78.7	73.1	16.9	47.8
West South Central, total:									
Public institutions	80.8	81.0	79.1	97.2	95.7	79.8	88.9	90.9	80.4
Private institutions	19.2	19.0	20.9	2.8	4.3	20.2	11.1	9.1	19.6
Arkansas:									
Public institutions	87.8	99.1	99.5	100.0	100.0	99.9	88.1	98.8	81.3
Private institutions	12.2	.9	.5	.0	.0	.1	11.9	1.2	18.7
Louisiana:									
Public institutions	80.2	76.4	74.3	.0	91.7	55.0	80.2	97.7	83.2
Private institutions	19.8	23.6	25.7	.0	8.3	45.0	19.8	2.3	16.8
Oklahoma:									
Public institutions	90.2	97.9	96.8	100.0	87.1	93.8	100.0	100.0	85.7
Private institutions	9.8	2.1	3.2	.0	12.9	6.2	.0	.0	14.3
Texas:									
Public institutions	78.3	79.0	77.9	94.2	95.8	80.7	90.4	82.9	76.6
Private institutions	21.7	21.0	22.1	5.8	4.2	19.3	9.6	17.1	23.4
Mountain, total:									
Public institutions	93.6	97.9	97.7	100.0	96.3	98.9	98.0	98.2	85.5
Private institutions	6.4	2.1	2.3	.0	3.7	1.1	2.0	1.8	14.5
Arizona:									
Public institutions	97.7	99.8	100.0	100.0	100.0	99.6	94.9	98.2	92.5
Private institutions	2.3	.2	.0	.0	.0	.4	5.1	1.8	7.5
Colorado:									
Public institutions	94.1	96.4	96.1	100.0	88.1	97.4	99.4	98.9	88.9
Private institutions	5.9	3.6	3.9	.0	11.9	2.6	.6	1.1	11.1
Idaho:									
Public institutions	89.0	99.9	100.0	100.0	77.8	100.0	100.0	100.0	80.2
Private institutions	11.0	.1	.0	.0	22.2	.0	.0	.0	19.8
Montana:									
Public institutions	80.8	94.9	94.9	100.0	100.0	100.0	93.4	92.8	69.2
Private institutions	19.2	5.1	5.1	.0	.0	.0	6.6	7.2	30.8
Nevada:									
Public institutions	99.5	100.0	100.0	.0	100.0	100.0	100.0	100.0	98.4
Private institutions	.5	.0	.0	.0	.0	.0	.0	.0	1.6

See explanatory information, if any, and SOURCE at end of table.

Table C-13. Percentage distribution of Federal obligations to public and private universities and colleges, by geographic division, State, type of institutional control, and type of activity: fiscal year 1991

Geographic division, State, and type of institutional control	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Mountain, cont'd:									
New Mexico:	99.1	99.7	100.0	.0	100.0	100.0	97.3	97.2	98.1
Public institutions	.9	.3	.0	.0	.0	.0	2.7	2.8	1.9
Private institutions									
Utah:	88.5	96.5	96.0	100.0	.0	97.4	99.4	98.9	72.5
Public institutions	11.5	3.5	4.0	.0	.0	2.6	.6	1.1	27.5
Private institutions									
Wyoming:	93.7	100.0	100.0	.0	.0	100.0	100.0	100.0	83.8
Public institutions	6.3	.0	.0	.0	.0	.0	.0	.0	16.2
Private institutions									
Pacific, total:	75.2	75.2	74.7	82.6	78.8	72.4	88.2	83.8	75.2
Public institutions	24.8	24.8	25.3	17.4	21.2	27.6	11.8	16.2	24.8
Private institutions									
Alaska:	97.1	99.9	99.8	.0	.0	100.0	100.0	100.0	83.3
Public institutions	2.9	.1	.2	.0	.0	.0	.0	.0	16.7
Private institutions									
California:	67.9	67.0	66.8	51.3	83.3	65.0	79.9	73.4	72.0
Public institutions	32.1	33.0	33.2	48.7	16.7	35.0	20.1	26.6	28.0
Private institutions									
Hawaii:	97.3	100.0	100.0	100.0	100.0	97.7	100.0	100.0	89.1
Public institutions	2.7	.0	.0	.0	.0	2.3	.0	.0	10.9
Private institutions									
Oregon:	89.4	94.1	94.0	100.0	81.5	99.6	97.0	93.2	78.1
Public institutions	10.6	5.9	6.0	.0	18.5	.4	3.0	6.8	21.9
Private institutions									
Washington:	94.4	99.3	99.7	100.0	65.9	98.5	97.2	95.6	80.6
Public institutions	5.6	.7	.3	.0	34.1	1.5	2.8	4.4	19.4
Private institutions									
Outlying areas, total:	36.7	86.1	87.1	.0	27.5	85.5	79.2	87.5	27.6
Public institutions	63.3	13.9	12.9	.0	72.5	14.5	20.8	12.5	72.4
Private institutions									
Guam:	100.0	100.0	100.0	.0	.0	.0	100.0	100.0	100.0
Public institutions									
Puerto Rico:	33.4	83.0	84.7	.0	27.5	85.5	77.1	82.3	25.8
Public institutions	66.6	17.0	15.3	.0	72.5	14.5	22.9	17.7	74.2
Private institutions									
American Samoa:	100.0	100.0	100.0	.0	.0	.0	100.0	100.0	100.0
Public institutions									
Virgin Islands:	100.0	100.0	100.0	.0	.0	.0	100.0	100.0	100.0
Public institutions									
Trust Territory Pac Isl:	100.0	100.0	100.0	.0	.0	.0	.0	100.0	100.0
Public institutions									

1/ See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-14. Federal obligations to the 100 public universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total, all institutions	10,519,163	813,904	116,584	780,710	3,323,639	417,953	90,112	3,395,482	82,417	399,646	1,024,678	74,038
1 University of Washington	294,482	3,109	6,153	32,925	15,996	7,438	1,330	183,193	2,246	7,724	33,287	1,081
2 University of Michigan	236,443	575	3,813	17,004	18,588	9,314	2,868	142,816	119	12,336	29,654	1,356
3 Univ of Cal Los Angeles	229,568	343	0	17,137	19,102	17,991	695	145,477	0	7,813	20,727	281
4 Univ of Wis-Madison	213,442	22,152	346	12,519	4,556	19,809	518	105,702	260	12,087	35,298	195
5 University of Minnesota	210,856	19,769	1,147	12,333	23,860	5,493	1,797	115,878	1,034	3,568	25,759	218
6 Univ of Cal San Diego	202,857	135	454	21,932	6,726	5,343	163	116,164	0	16,123	35,817	0
7 Pennsylvania State Univ	200,467	21,402	295	67,821	30,637	5,542	1,326	38,839	3,263	10,761	19,345	1,236
8 Univ of Cal San Francisc	197,031	0	0	1,212	0	3,580	161	188,209	0	919	2,950	0
9 University of Pittsburgh	185,173	40	23	30,081	29,071	2,384	2,124	111,940	0	1,668	7,741	101
10 Univ of Cal Berkeley	168,621	10,291	120	11,456	24,122	4,408	839	53,699	1,957	19,827	40,732	1,170
Total 1st 10 institutions	2,140,938	77,816	12,351	224,420	172,658	81,302	11,821	1,201,917	8,879	92,826	251,310	5,638
11 University of Colorado	166,735	16	12,718	9,523	15,438	4,491	1,330	81,791	1,276	16,639	23,109	404
12 Univ of NC at Chapel Hil	139,795	406	100	4,598	14,323	1,017	4,821	105,406	0	366	8,758	0
13 Univ of Ill Urbana	137,270	21,448	0	21,337	351	13,006	1,055	21,213	93	3,186	55,391	190
14 University of Arizona	124,668	7,772	404	9,494	13,996	1,951	774	57,042	1,047	15,394	15,756	1,038
15 Ohio State University	120,030	21,221	1,285	5,368	16,973	4,108	1,266	39,544	564	5,612	17,453	6,636
16 Indiana University	115,868	1,510	50	1,616	38,944	3,625	245	50,128	130	735	18,651	234
17 LA State Univ System	115,803	14,734	1,871	2,203	34,228	24,830	1,796	29,864	398	1,007	4,872	0
18 Univ of Texas at Austin	107,882	277	0	48,680	1,945	14,493	706	15,203	158	7,283	16,078	3,059
19 Univ Alabama Birmingham	106,807	310	0	2,101	6,906	9,942	50	79,393	0	5,369	1,968	768
20 University of Iowa	104,459	531	279	3,444	9,674	717	427	75,095	18	8,680	5,594	0
Total 1st 20 institutions	3,380,255	146,041	29,058	332,784	325,436	159,482	24,291	1,756,596	12,583	157,097	418,940	17,967
21 Univ of Cal Davis	100,155	5,836	20	1,535	12,145	12,298	636	50,499	336	1,988	10,784	4,078
22 University of Utah	100,128	40	151	12,693	12,029	4,800	163	55,452	1,795	722	12,283	0
23 Univ of Mass	99,756	7,423	42	9,769	18,725	2,483	146	45,331	30	2,242	13,564	1
24 University of Florida	99,483	17,759	1,946	10,169	14,361	2,999	732	39,505	745	2,796	7,571	900
25 Michigan State Universit	97,135	24,717	280	3,335	17,315	4,045	187	22,564	262	801	22,647	982
26 Univ of MD College Park	95,043	9,182	4,536	14,891	9,159	7,853	1,353	6,526	169	22,324	18,612	438
27 Georgia Institute of Tec	94,779	242	1,580	69,153	0	1,507	2,952	3,950	279	5,188	8,996	932
28 Texas A & M University	93,017	35,350	2,613	5,806	11,345	4,682	958	11,785	359	5,054	14,968	97
29 Purdue University	92,339	20,231	70	6,687	12,765	7,771	390	20,873	536	3,278	18,418	1,320
30 University of Virginia	86,075	100	2,321	9,779	7,869	2,648	319	47,458	442	4,728	9,791	620
Total 1st 30 institutions	4,338,165	266,921	42,617	476,601	441,149	210,568	32,127	2,060,539	17,516	206,218	556,574	27,335
31 Univ of Tennessee All Cm	84,882	16,392	0	2,781	19,156	11,748	358	25,970	189	2,016	6,272	0
32 University of Cincinnati	83,448	206	0	3,093	23,135	401	5,800	46,302	0	1,695	2,816	0
33 University of Kentucky	79,964	17,595	48	641	28,877	4,213	245	21,886	498	334	5,377	250
34 Rutgers the St U of NJ	76,670	1,343	1,921	3,644	17,581	863	1,258	22,870	105	1,137	15,343	605
35 Utah State University	75,655	5,915	0	42,929	17,342	1,099	253	4,387	546	1,261	1,823	100
36 New Mexico State Univ	73,129	6,950	537	19,060	11,842	7,033	160	2,996	276	21,329	2,946	0
37 Oregon State University	70,185	15,085	5,746	6,154	8,812	1,499	2,734	8,305	3,999	2,769	14,299	783
38 N C State Univ at Raleig	70,037	24,630	2,034	6,727	7,900	1,876	2,805	6,300	681	3,672	9,377	4,035
39 Univ of Ill Chicago	66,488	87	78	1,628	12,654	780	307	42,502	0	277	6,015	2,160
40 Iowa State University	66,466	30,582	1,755	1,684	12,234	1,548	580	6,834	424	1,439	5,138	4,248
Total 1st 40 institutions	5,085,089	395,706	54,736	564,942	600,682	241,628	46,627	2,248,891	24,234	242,147	625,980	39,516
41 Univ of Cal Irvine	63,307	210	0	6,977	8,027	4,091	121	35,332	0	1,520	7,029	0
42 Univ of Hawaii-Manoa	62,744	12,845	228	2,443	9,023	2,395	3	13,431	0	7,131	13,107	2,138
43 University of Georgia	62,684	22,088	1,121	1,437	6,952	9,949	1,307	10,997	387	456	5,769	2,221
44 U Tex SW Med Ctr Dallas	61,767	0	0	125	0	139	0	59,806	0	1,316	381	0
45 Colorado State Universit	61,656	10,602	2,375	4,767	9,312	1,474	976	19,158	1,433	1,828	9,052	679
46 Virginia Commonwlth Univ	58,575	0	0	581	7,166	216	112	49,500	0	452	548	0
47 University of New Mexico	58,019	0	468	11,652	19,299	1,766	190	17,811	76	1,363	5,384	10
48 U P R - Regional Col Adm	57,590	0	0	0	57,417	0	0	73	0	0	0	100
49 SUNY at Stony Brook	56,928	0	0	433	1,707	4,155	95	33,093	0	1,760	15,685	0
50 University of Connecticu	56,855	4,756	3,804	2,134	7,067	798	523	32,589	105	294	4,628	157
Total 1st 50 institutions	5,685,214	446,207	62,732	595,491	726,652	266,611	49,954	2,520,681	26,235	258,267	687,563	44,821

See explanatory information, if any, and SOURCE at end of table.

Table C-14. Federal obligations to the 100 public universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
51 Florida State University	56,223	0	456	1,352	10,288	12,377	603	4,401	0	1,871	24,492	383
52 Univ of Cal Santa Barbar	55,636	313	335	12,650	8,346	3,691	457	5,322	209	3,932	19,908	473
53 Univ of MD Balt Prof Sch	54,357	35	0	728	1,284	235	343	50,881	0	100	751	0
54 VA Polytech Inst & St U	53,513	16,599	185	5,115	6,067	7,115	551	3,088	2,362	4,864	6,847	720
55 University of Kansas	52,622	0	150	1,268	15,526	680	21	29,842	246	1,168	3,619	102
56 Univ of Nebraska-Lincoln	52,307	18,322	385	2,070	10,580	6,263	229	3,301	104	695	7,302	3,056
57 Wayne State University	52,047	0	0	902	13,284	266	345	34,062	50	187	2,951	0
58 U of Med & Dent of NJ	51,871	250	0	480	1,269	319	547	47,886	0	314	806	0
59 West Virginia University	50,638	9,526	0	574	8,178	17,165	2,574	7,379	2,150	509	2,084	499
60 Univ of Missouri Columbi	50,584	18,311	0	603	8,879	1,333	446	16,166	26	74	4,697	49
Total 1st 60 institutions	6,215,012	509,563	64,243	621,233	810,353	316,055	56,070	2,723,009	31,382	271,981	761,020	50,103
61 Oregon Hlth Sciences Uni	49,398	0	0	623	342	12,428	0	35,544	0	0	461	0
62 SUNY at Buffalo All Cmps	48,539	734	0	6,335	0	658	1,171	28,855	18	609	10,159	0
63 Oklahoma State Universit	46,886	13,272	7	9,353	13,088	470	618	2,144	384	5,026	2,424	100
64 Univ of VT & St Agric Co	45,809	7,115	0	511	3,959	630	295	30,783	158	25	2,333	0
65 U Tex Hlth Sci Ctr S Ant	44,964	322	0	818	813	0	0	42,528	0	63	420	0
66 Arizona State University	43,633	219	25	3,544	17,438	3,020	186	5,756	0	2,590	10,730	125
67 Washington State Univ	41,923	14,978	55	1,489	7,927	2,063	531	9,120	132	120	5,508	0
68 Mississippi State Univ	39,749	18,597	200	568	8,733	6,727	0	620	108	932	3,101	163
69 Kent State University	39,393	0	12	898	32,750	147	0	1,467	0	395	3,724	0
70 Temple University	39,157	0	0	392	13,963	342	409	22,372	0	0	1,679	0
Total 1st 70 institutions	6,654,463	564,800	64,542	645,764	909,366	342,540	59,280	2,902,198	32,182	281,741	801,559	50,491
71 U Tex Hlth Sci Ctr Houst	38,808	0	0	288	359	411	160	36,877	0	529	152	32
72 U TX MD Anderson Cncr Ct	38,166	0	0	0	0	0	69	38,007	0	0	90	0
73 Kans St U - Ag & App Sci	37,932	16,270	0	483	9,883	2,394	2,166	2,309	105	1,015	3,205	102
74 University of Oklahoma	37,431	120	891	826	13,637	1,669	447	15,388	267	237	3,847	102
75 U of Oregon Main Campus	37,285	130	0	1,089	17,335	2,626	30	9,595	110	282	6,088	0
76 Auburn University	32,561	15,054	67	3,610	5,649	1,417	405	848	280	3,272	1,736	223
77 Univ of South Carolina	32,528	124	3,288	1,247	10,736	1,254	548	9,365	309	258	5,399	0
78 University of N Dakota	31,768	3,916	0	1,053	8,951	8,742	0	4,022	148	181	302	4,453
79 Univ of Rhode Island	31,644	4,779	4,438	2,506	5,294	115	586	4,017	423	907	7,845	734
80 Southern U & A&M College	29,786	3,783	0	405	23,201	12	403	1,075	0	312	566	29
Total 1st 80 institutions	7,002,372	608,976	73,226	657,271	1,004,411	361,180	64,094	3,023,701	33,824	288,734	830,789	56,166
81 North Dakota State Univ	29,759	14,070	85	389	11,795	85	0	275	157	0	1,798	1,105
82 U Tex Med Brnch Galvesto	29,384	0	0	568	481	209	163	27,345	0	446	172	0
83 U of Houston Univ Park	29,251	75	0	1,184	10,860	1,234	0	5,061	0	6,742	4,095	0
84 University of Idaho	29,134	9,346	0	6,149	6,458	219	136	376	1,177	1,704	3,170	399
85 Med Univ of So Carolina	29,041	9	133	57	586	6,590	0	21,499	0	0	165	0
86 Univ of Ark Fayetteville	28,573	12,023	0	1,007	11,005	352	90	495	185	107	2,609	700
87 Univ of New Hampshire	27,831	3,925	1,792	685	4,209	576	867	2,027	416	8,292	4,942	100
88 Ohio University	27,820	170	0	786	22,066	491	0	1,225	0	483	691	1,908
89 Univ of Alaska Fairbanks	27,631	2,703	1,803	845	2,391	962	475	455	1,306	6,724	9,967	0
90 Florida A & M University	27,016	3,258	100	6,823	11,415	23	0	2,490	0	1,465	1,350	92
Total 1st 90 institutions	7,287,812	654,555	77,139	675,764	1,085,679	371,921	65,825	3,084,949	37,065	314,697	859,748	60,470

See explanatory information, if any, and SOURCE at end of table.

Table C-14. Federal obligations to the 100 public universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
91 Clemson University	26,527	12,841	66	3,345	4,040	720	527	804	555	1,152	2,379	98
92 University of Mississipp	26,200	1,376	0	1,157	11,415	308	414	8,421	1,342	190	1,508	69
93 University of Delaware	26,128	3,378	1,710	3,208	4,846	760	375	3,972	236	1,614	6,028	1
94 Univ of South Florida	26,115	80	495	1,659	10,464	159	58	9,718	907	887	1,688	0
95 San Diego State Univ	26,062	23	60	78	9,585	1,501	100	10,391	105	487	3,732	0
96 Montana State University	25,931	8,039	100	281	8,578	156	663	2,193	179	323	5,319	100
97 Univ Alabama Huntsville	23,892	0	0	3,573	1,506	0	335	249	0	17,538	691	0
98 Southern Ill U-Carbondal	22,845	857	0	199	15,794	0	0	4,447	255	73	1,220	0
99 City Colleges of Chicago	22,785	0	0	0	22,479	99	0	75	0	0	132	0
100 University of Wyoming	21,792	4,578	0	954	7,228	689	265	1,971	1,066	186	4,616	239
Total 1st 100 institutions	7,536,089	685,727	79,570	690,218	1,181,614	376,313	68,562	3,127,190	41,710	337,147	887,061	60,977

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-15. Federal obligations to the 100 private universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total, all institutions	6,895,618	62,258	18,966	948,927	2,019,296	244,270	25,813	2,729,424	18,003	193,277	617,583	17,801
1 Johns Hopkins University	657,225	365	341	408,136	6,061	4,825	864	219,121	97	6,027	11,250	138
2 Stanford University	268,088	140	30	29,824	8,327	21,798	2,259	117,742	80	55,003	32,885	0
3 Mass Inst of Technology	263,306	450	2,702	56,294	6,464	57,853	618	63,170	404	25,514	45,978	3,859
4 Cornell University	213,626	26,293	503	18,391	12,548	4,921	752	75,993	192	6,036	67,895	102
5 Univ of Pennsylvania	201,356	383	285	22,402	13,056	6,792	0	138,946	0	167	19,325	0
6 Harvard University	193,006	344	0	7,567	8,144	5,637	1,536	140,466	95	7,619	20,392	1,206
7 Howard University	191,540	80	48	1,751	168,931	43	208	10,829	0	1,804	7,846	0
8 Yale University	178,414	233	24	5,811	5,413	9,775	178	143,047	15	1,401	12,517	0
9 Columbia Univ Main Div	164,680	0	1,102	8,518	13,649	7,661	660	125,176	1,235	6,405	0	274
10 Univ of Southern Cal	162,790	0	2,440	47,250	14,944	1,027	39	77,154	2,363	3,285	14,238	50
Total 1st 10 institutions	2,494,031	28,288	7,475	605,944	257,537	120,332	7,114	1,111,644	4,481	113,261	232,326	5,629
11 Duke University	149,091	465	251	7,419	4,356	4,221	1,948	115,473	164	623	14,171	0
12 Washington University	144,569	0	51	2,718	5,656	1,548	121	123,821	0	3,429	7,225	0
13 University of Rochester	131,293	140	0	9,623	4,053	26,670	0	80,520	0	1,504	8,783	0
14 University of Chicago	119,179	227	160	3,408	6,622	4,272	0	76,728	0	6,061	21,701	0
15 New York University	106,461	2	0	6,591	13,501	3,522	927	75,985	0	301	5,632	0
16 Case Western Reserve Univ	101,150	380	0	2,837	3,621	10,232	117	71,262	0	7,629	5,072	0
17 Vanderbilt University	92,481	65	0	7,891	5,027	1,057	75	73,047	0	2,937	2,289	93
18 Baylor Col of Medicine	90,272	8,617	103	778	1,873	951	192	76,118	0	718	922	0
19 California Inst of Tech	90,105	0	91	14,170	0	10,463	292	18,394	1,970	11,745	32,980	0
20 University of Miami	89,705	1	3,251	6,408	8,592	224	353	60,126	0	2,201	8,549	0
Total 1st 20 institutions	3,608,337	38,185	11,382	667,787	310,838	183,492	11,139	1,883,118	6,615	150,409	339,650	5,722
21 Boston University	86,658	0	100	7,470	12,410	2,785	106	53,428	0	1,475	8,835	49
22 Northwestern University	85,019	340	113	9,494	9,940	3,847	0	44,243	50	1,671	15,321	0
23 Yeshiva University	79,779	0	0	295	1,000	0	0	78,201	0	0	283	0
24 Emory University	69,345	270	0	1,141	3,789	424	0	60,806	0	270	2,645	0
25 Princeton University	63,221	0	10	10,431	4,376	6,344	622	16,717	308	4,062	20,351	0
26 Carnegie-Mellon Univ	61,834	0	99	20,537	4,598	3,484	389	8,225	259	3,194	20,835	214
27 Georgetown University	56,967	552	65	13,650	6,600	350	359	32,924	0	0	1,467	1,000
28 CUNY Mount Sinai Schl Med	54,588	0	0	0	876	176	0	52,672	0	355	509	0
29 Woods Hole Ocngrphic Inst	54,118	0	2,051	22,477	0	1,266	0	347	1,000	787	26,190	0
30 Gallaudet University	52,263	0	0	0	51,323	0	0	348	0	71	521	0
Total 1st 30 institutions	4,272,129	39,347	13,820	753,282	405,750	202,168	12,615	2,231,029	8,232	162,294	436,607	6,985
31 Tufts University	47,904	11,838	0	1,619	2,396	897	3,543	25,219	6	50	2,336	0
32 Brown University	44,658	190	130	7,155	5,383	2,832	0	16,047	169	1,366	11,386	0
33 Wake Forest University	43,618	2,767	239	379	1,437	43	0	38,114	0	262	377	0
34 Dartmouth College	42,940	251	0	3,195	3,086	920	0	32,004	58	1,080	2,346	0
35 Rockefeller University	42,660	0	0	249	0	1,224	0	39,723	0	0	1,464	0
36 Lehigh University	39,023	66	203	27,181	1,509	1,817	111	920	60	278	6,878	0
37 Rochester Inst Technology	38,875	0	0	967	37,500	40	0	66	0	106	196	0
38 George Washington Univ	34,461	0	103	5,575	6,063	687	247	16,813	40	3,638	1,295	0
39 Tulane University	33,233	40	0	2,298	5,338	70	154	24,011	0	166	1,156	0
40 Thomas Jefferson Univ	30,900	0	0	1,358	1,778	0	0	27,571	0	0	193	0
Total 1st 40 institutions	4,670,401	54,499	14,495	803,258	470,240	210,698	16,670	2,451,517	8,565	169,240	464,234	6,985
41 University of Dayton	28,934	0	66	24,176	2,894	0	455	136	0	127	855	225
42 Rensselaer Polytech Inst	27,485	40	3,317	8,436	0	2,386	202	2,261	48	3,156	7,209	430
43 Medical College of Wis	26,479	290	0	383	246	0	0	23,855	0	323	627	755
44 University of Notre Dame	25,859	0	56	7,607	4,201	4,415	285	3,790	0	314	5,191	0
45 Syracuse University	25,729	0	0	2,111	10,861	1,278	254	7,114	66	126	3,919	0
46 Brandeis University	25,251	270	0	169	2,139	861	0	17,485	0	484	3,843	0
47 Meharry Medical College	25,151	0	0	670	3,399	0	239	19,246	0	0	1,597	0
48 Northeastern University	25,071	200	0	2,045	11,692	828	102	4,942	0	109	5,153	0
49 Brigham Young University	24,647	6	0	1,026	18,760	562	212	968	50	123	2,940	0
50 Catholic Univ of PR	23,610	0	0	0	23,262	0	0	348	0	0	0	0
Total 1st 50 institutions	4,928,617	55,305	17,934	849,881	547,694	221,028	18,419	2,531,662	8,729	174,002	495,568	8,395

See explanatory information, if any, and SOURCE at end of table.

Table C-15. Federal obligations to the 100 private universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
51 Rice University	22,310	120	70	2,606	0	2,485	735	3,156	43	2,085	11,010	0
52 Boston College	22,052	0	0	3,459	4,968	10,209	104	2,178	0	171	818	145
53 Tuskegee University	21,172	5,381	0	1,262	7,487	350	0	5,107	0	337	1,243	5
54 St Louis University	20,173	0	0	892	2,369	0	0	15,307	511	107	647	340
55 Medical Col of Penn	19,579	0	0	231	267	0	0	18,995	0	0	86	0
56 Colegio Univ del Este	17,134	0	0	0	17,134	0	0	0	0	0	0	0
57 ITT Tech Inst-Indianapol	16,623	0	0	0	16,623	0	0	0	0	0	0	0
58 Loyola Univ - Chicago	15,802	0	0	686	5,300	40	0	7,773	0	0	2,003	0
59 Touro College	14,799	0	0	0	14,799	0	0	0	0	0	0	0
60 Hampton University	14,766	0	100	2,604	6,363	231	52	1,567	70	2,217	1,562	0
Total 1st 60 institutions	5,113,027	60,806	18,104	861,621	623,004	234,343	19,310	2,585,745	9,353	178,919	512,937	8,885
61 Turabo University College	14,685	0	0	0	14,575	0	0	0	0	110	0	0
62 New York Medical College	14,477	0	0	688	1,109	0	0	12,480	0	0	200	0
63 Morehouse School of Med	14,469	0	0	0	4,833	0	340	9,241	0	0	55	0
64 Hahnemann University	13,026	0	0	916	1,142	0	0	10,968	0	0	0	0
65 Clark Atlanta University	12,389	26	80	2,103	1,319	581	2,037	2,884	86	85	3,188	0
66 Universidad Metropolitana	12,124	0	0	0	12,124	0	0	0	0	0	0	0
67 Mercer University	11,872	0	0	7,529	3,518	0	0	552	0	0	273	0
68 University of Scranton	11,656	0	0	10,000	1,580	0	0	0	0	0	76	0
69 Marquette University	11,116	0	0	1,353	6,517	83	0	1,504	0	196	1,418	45
70 Long Island University	11,107	0	0	0	10,557	0	0	168	0	0	382	0
Total 1st 70 institutions	5,239,948	60,832	18,184	884,210	680,278	235,007	21,687	2,623,542	9,439	179,310	518,529	8,930
71 Drexel University	11,086	93	83	1,853	3,021	448	413	1,825	0	675	2,675	0
72 Xavier University of LA	10,722	0	100	312	5,454	0	86	4,471	0	299	0	0
73 Eastern VA Medical School	10,607	0	0	183	216	0	0	2,994	0	224	0	6,990
74 Stevens Institute of Tech	10,175	0	0	7,477	1,795	40	31	0	0	212	620	0
75 American Univ Puerto Rico	9,764	0	0	0	9,764	0	0	0	0	0	0	0
76 Morehouse College	9,410	55	0	269	4,341	75	108	1,525	0	1,686	1,276	75
77 Univ of the Sacred Heart	9,227	0	0	0	9,161	0	0	0	0	0	66	0
78 Creighton University	9,178	0	0	1,278	3,533	65	0	4,302	0	0	0	0
79 Albany Medical College	8,964	0	0	486	286	0	0	8,192	0	0	0	0
80 Illinois Inst of Tech	8,521	0	0	2,039	2,088	0	410	3,066	0	22	896	0
Total 1st 80 institutions	5,337,602	60,980	18,367	898,107	719,937	235,635	22,735	2,649,917	9,439	182,428	524,062	15,995
81 Southern Methodist Univ	7,920	0	0	2,583	2,676	213	0	859	0	185	1,404	0
82 Clarkson University	7,830	0	64	2,022	1,581	699	45	202	0	1,667	1,550	0
83 St John's University (NY)	7,812	0	0	0	6,892	0	0	916	0	0	4	0
84 Baker College of Flint	7,781	0	0	0	7,781	0	0	0	0	0	0	0
85 Charles R. Drew Med&Sci	7,015	0	0	0	770	0	0	6,245	0	0	0	0
86 Loma Linda University	6,976	0	0	445	2,283	0	0	3,913	16	0	319	0
87 Embry-Riddle Aero Univ	6,942	0	46	2,106	4,057	0	0	0	0	0	329	404
88 University of Denver	6,839	0	0	1,970	0	59	107	2,635	0	625	1,443	0
89 Bethune Cookman College	6,827	0	0	0	5,872	0	0	875	0	75	5	0
90 Beth Jacob Hebr Tchrs Col	6,617	0	0	0	6,617	0	0	0	0	0	0	0
Total 1st 90 institutions	5,410,161	60,980	18,477	907,233	758,466	236,606	22,887	2,665,562	9,455	184,980	529,116	16,399

See explanatory information, if any, and SOURCE at end of table.

Table C-15. Federal obligations to the 100 private universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
91 Davenport College	6,568	0	0	0	6,568	0	0	0	0	0	0	0
92 College of New Rochelle	6,469	0	0	0	6,031	0	0	44	0	0	394	0
93 Texas Christian Univ	6,197	1	0	665	2,848	0	0	2,499	0	0	184	0
94 Catholic Univ of America	6,190	100	205	2,111	1,199	287	50	897	0	772	569	0
95 Polytechnic University	5,908	0	0	2,183	2,050	187	0	0	0	172	1,316	0
96 American University	5,835	26	0	1,512	3,077	0	2	488	0	105	625	0
97 Polytech Univ of PR	5,755	0	0	0	5,755	0	0	0	0	0	0	0
98 Fordham University	5,630	0	0	169	4,031	0	0	1,138	0	0	292	0
99 Jones College	5,607	0	0	0	5,607	0	0	0	0	0	0	0
100 Benedict College	5,591	0	100	0	4,329	0	0	1,095	0	0	0	67
Total 1st 100 institutions	5,469,911	61,107	18,782	913,873	799,961	237,080	22,939	2,671,723	9,455	186,029	532,496	16,466

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
United States, total	17,414,781	11,814,539	10,014,322	151,708	32,652	472,871	192,590	950,396	5,600,242
Alabama, total	328,938	187,193	155,818	1,661	298	8,824	3,722	16,870	141,745
Al Christian Schl of Relg	46	0	0	0	0	0	0	0	46
Alabama A & M University	14,152	8,508	5,411	0	0	782	358	1,957	5,644
Alabama State University	9,436	450	130	0	0	304	16	0	8,986
Alexander City St Jr Col	37	37	0	0	37	0	0	0	0
Athens State College	886	0	0	0	0	0	0	0	886
Auburn University	32,561	26,841	16,096	0	24	1,048	132	9,541	5,720
Birmingham Southern Col	784	26	0	0	25	1	0	0	758
Bishop St Comm Col	2,173	0	0	0	0	0	0	0	2,173
Brewer State Junior Col	1,005	0	0	0	0	0	0	0	1,005
C A Fredd State Tech Coll	782	0	0	0	0	0	0	0	782
Calhoun State Cmty Col	55	55	0	0	55	0	0	0	0
Carver State Tech College	1,129	0	0	0	0	0	0	0	1,129
Chattahoochee Val St CC	612	0	0	0	0	0	0	0	612
Chauncey Sparks St Tech	1,675	900	900	0	0	0	0	0	775
Concordia College	1,213	0	0	0	0	0	0	0	1,213
Douglas Macarthur St Te C	911	0	0	0	0	0	0	0	911
Draughon's Junior College	442	0	0	0	0	0	0	0	442
Enterprise State JC	1,699	8	0	0	8	0	0	0	1,691
Faulkner State Junior Col	1,450	0	0	0	0	0	0	0	1,450
Faulkner University	1,505	0	0	0	0	0	0	0	1,505
G C Wallace St C C Dothan	1,242	0	0	0	0	0	0	0	1,242
G C Wallace St CC Selma	1,464	0	0	0	0	0	0	0	1,464
Gadsden State Cmty Col	297	297	297	0	0	0	0	0	0
Huntingdon College	257	0	0	0	0	0	0	0	257
J F Drake St Tech	942	0	0	0	0	0	0	0	942
Jacksonville State Univ	4,580	120	61	0	59	0	0	0	4,460
Jefferson Davis St Jr Col	901	0	0	0	0	0	0	0	901
Jefferson State Comm Coll	3,230	0	0	0	0	0	0	0	3,230
Judson College	171	0	0	0	0	0	0	0	171
Lawson State Cmty College	2,788	0	0	0	0	0	0	0	2,788
Livingston University	1,511	0	0	0	0	0	0	0	1,511
Lurleen B Wallace St Jr C	1,530	0	0	0	0	0	0	0	1,530
Marion Military Institute	255	0	0	0	0	0	0	0	255
Miles College	2,404	0	0	0	0	0	0	0	2,404
Mobile College	994	0	0	0	0	0	0	0	994
N F Nunnelly St Tech C	167	0	0	0	0	0	0	0	167
National Inst of Tech	55	0	0	0	0	0	0	0	55
Northeast Ala St Jr Col	793	0	0	0	0	0	0	0	793
Northwest AL Comm Coll	3,027	0	0	0	0	0	0	0	3,027
Oakwood College	2,548	206	0	0	0	206	0	0	2,342
Patrick Henry St Jr Col	1,240	0	0	0	0	0	0	0	1,240
R.E.T.S. Electronic Inst	1,071	0	0	0	0	0	0	0	1,071
Samford University	1,320	0	0	0	0	0	0	0	1,320
Selma University	1,247	301	0	0	0	0	301	0	946
Shelton State Cmty Col	2,161	0	0	0	0	0	0	0	2,161
Shoals Community College	1,297	0	0	0	0	0	0	0	1,297
Snead State Junior Col	802	0	0	0	0	0	0	0	802
Southeastern Bible Col	140	0	0	0	0	0	0	0	140
Southern Junior College	2,151	0	0	0	0	0	0	0	2,151
Southern Union St Jr Col	1,019	0	0	0	0	0	0	0	1,019
Southwest St Tech Col	907	0	0	0	0	0	0	0	907
Spring Hill College	922	42	0	0	0	2	0	40	880
Stillman College	3,301	289	0	0	0	122	167	0	3,012
Talladega College	3,583	809	222	0	0	237	350	0	2,774
The University of Alabama	18,676	10,624	8,010	277	0	692	162	1,483	8,052
Trenholm St Tech Col	1,798	0	0	0	0	0	0	0	1,798
Troy St U-Dothan-Ft Rucke	159	0	0	0	0	0	0	0	159
Troy St U-Montgomery	443	290	0	0	0	0	200	90	153
Troy St Univ Main Campus	4,431	56	0	0	0	0	0	56	4,375
Troy St Univ Sys Off	4,110	40	0	0	0	0	0	40	4,070
Tuskegee University	21,172	10,377	5,165	679	0	799	653	3,081	10,795
Univ of Alabama Sys Off	53	50	45	0	0	0	5	0	3
Univ of North Alabama	2,841	6	0	0	0	6	0	0	2,835
Univ of South Alabama	14,675	9,855	8,211	705	24	287	411	217	4,820

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Alabama, cont'd:									
Univ Alabama Birmingham	106,807	95,038	90,355	0	0	3,387	967	329	11,769
Univ Alabama Huntsville	23,892	21,968	20,915	0	66	951	0	36	1,924
University of Montevallo	1,760	0	0	0	0	0	0	0	1,760
Walker College	675	0	0	0	0	0	0	0	675
Walker State Tech C	1,439	0	0	0	0	0	0	0	1,439
Wallace St CC-Hanceville	3,137	0	0	0	0	0	0	0	3,137
Alaska, total	35,143	29,281	25,446	0	0	270	1,710	1,855	5,862
Alaska Bible College	15	0	0	0	0	0	0	0	15
Alaska Business College	505	0	0	0	0	0	0	0	505
Alaska Pacific University	189	40	40	0	0	0	0	0	149
Sheldon Jackson College	311	0	0	0	0	0	0	0	311
Univ of Alaska Anchorage	3,983	1,163	932	0	0	3	0	228	2,820
Univ of Alaska Fairbanks	27,631	25,769	22,165	0	0	267	1,710	1,627	1,862
Univ of Alaska Southeast	200	0	0	0	0	0	0	0	200
Univ of Alaska System Off	2,309	2,309	2,309	0	0	0	0	0	0
Arizona, total	199,448	142,885	126,362	600	177	5,240	1,568	8,938	56,563
Amer Grad Sch Intl Managm	354	137	45	0	0	20	72	0	217
American Indian Bible Ins	229	0	0	0	0	0	0	0	229
Arizona Col of the Bible	21	0	0	0	0	0	0	0	21
Arizona State University	43,633	26,559	24,445	544	0	763	208	599	17,074
Cochise College	65	0	0	0	0	0	0	0	65
Eastern Arizona College	1,382	0	0	0	0	0	0	0	1,382
Grand Canyon University	1,507	0	0	0	0	0	0	0	1,507
ITT Tech Inst - Phoenix	117	0	0	0	0	0	0	0	117
ITT Tech Inst - Tucson	80	0	0	0	0	0	0	0	80
Maricopa Co C C Sys Off	408	408	400	0	0	8	0	0	0
Navajo Community College	6,739	535	424	0	99	0	12	0	6,204
Northern Arizona Univ	15,522	6,713	5,523	0	78	376	608	128	8,809
Northland Pioneer College	927	0	0	0	0	0	0	0	927
Prescott College	683	164	0	0	0	0	8	156	519
South Mountain Cmty Col	1,043	0	0	0	0	0	0	0	1,043
SW Con Baptist Bible Coll	107	0	0	0	0	0	0	0	107
Univ & St Col of Ariz S O	523	319	319	0	0	0	0	0	204
University of Arizona	124,668	108,050	95,206	56	0	4,073	660	8,055	16,618
University of Phoenix	1,291	0	0	0	0	0	0	0	1,291
Western International U	149	0	0	0	0	0	0	0	149
Arkansas, total	124,118	45,598	25,785	4,751	355	879	987	12,841	78,520
Arkansas Baptist College	842	0	0	0	0	0	0	0	842
Arkansas College	1,137	17	16	0	0	1	0	0	1,120
Arkansas College of Tech	197	0	0	0	0	0	0	0	197
Arkansas State University	16,845	184	14	0	100	0	0	70	16,661
Arkansas Tech University	2,662	0	0	0	0	0	0	0	2,662
Capital City Junior Col	1,058	0	0	0	0	0	0	0	1,058
Central Baptist College	171	0	0	0	0	0	0	0	171
College of the Ozarks	792	0	0	0	0	0	0	0	792
Crowley's Ridge College	134	0	0	0	0	0	0	0	134
East Ark Cmty Col	1,375	0	0	0	0	0	0	0	1,375
Garland Co Cmty Col	1,384	0	0	0	0	0	0	0	1,384
Harding University	2,834	41	41	0	0	0	0	0	2,793
Henderson State Univ	3,072	8	0	0	8	0	0	0	3,064
Hendrix College	563	0	0	0	0	0	0	0	563
John Brown University	624	0	0	0	0	0	0	0	624
Ouachita Baptist Univ	2,146	212	56	0	0	0	0	156	1,934
Philander Smith College	3,071	123	6	0	0	0	117	0	2,948
Phillips County Cmty Col	1,770	0	0	0	0	0	0	0	1,770
Shorter College	598	0	0	0	0	0	0	0	598
Southern Arkansas Univ	3,925	405	0	0	33	0	0	372	3,520
U of Ark at Monticello	2,512	0	0	0	0	0	0	0	2,512
U of Arkansas Med Sci Cam	13,166	10,085	9,834	0	0	79	115	57	3,081
Univ of Ark Fayetteville	28,573	19,537	12,783	4,751	156	30	20	1,797	9,036
Univ of Ark Little Rock	15,289	10,755	1,324	0	58	400	297	8,676	4,534
Univ of Ark Pine Bluff	10,502	3,886	1,545	0	0	369	438	1,534	6,616
Univ of Ark Sys Off	328	266	166	0	0	0	0	100	62
Univ of Central Arkansas	5,688	79	0	0	0	0	0	79	5,609
Westark Community College	1,956	0	0	0	0	0	0	0	1,956
Williams Baptist College	904	0	0	0	0	0	0	0	904

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
California, total	1,887,307	1,540,219	1,398,356	4,800	1,719	75,983	16,371	42,990	347,088
Academy of Art	488	0	0	0	0	0	0	0	488
American Conserv Theatre	67	0	0	0	0	0	0	0	67
Art Ctr Col of Design	1,149	0	0	0	0	0	0	0	1,149
Art Inst of South Calif	92	0	0	0	0	0	0	0	92
Azusa Pacific University	1,314	0	0	0	0	0	0	0	1,314
Barstow College	332	0	0	0	0	0	0	0	332
Bethany Bible College	481	0	0	0	0	0	0	0	481
Biola University	976	16	0	0	0	16	0	0	960
Brooks Institute	275	0	0	0	0	0	0	0	275
Cal Col of Podiatric Med	459	0	0	0	0	0	0	0	459
Cal Inst Integral Studies	27	0	0	0	0	0	0	0	27
Cal Poly St U San Luis Ob	8,699	968	402	0	297	131	0	138	7,731
Cal Sch Prof Psych-Fresno	777	144	0	0	0	144	0	0	633
Cal Sch Prof Psych-L A	50	0	0	0	0	0	0	0	50
Cal St U - San Bernadino	3,089	274	19	0	63	0	0	192	2,815
Cal St U Dominguez Hills	4,398	1,953	1,324	0	0	70	559	0	2,445
Cal Western School of Law	234	0	0	0	0	0	0	0	234
Calif Inst of the Arts	586	0	0	0	0	0	0	0	586
Calif St Poly Univ Pomona	5,946	305	179	0	125	1	0	0	5,641
Calif St U Bakersfield	2,148	256	27	0	79	0	0	150	1,892
Calif St Univ & Col Sys O	38	38	26	0	0	0	0	12	0
Calif St Univ Fullerton	1,430	1,242	1,107	0	0	0	135	0	188
Calif St Univ Hayward	3,826	717	592	0	0	40	0	85	3,109
Calif St Univ Long Beach	10,716	3,062	1,937	55	55	255	476	284	7,654
Calif St Univ Los Angeles	12,352	5,026	2,567	0	183	335	1,191	750	7,326
Calif St Univ Northridge	9,730	1,526	989	0	34	503	0	0	8,204
Calif St Univ Sacramento	7,227	267	141	0	11	42	0	73	6,960
Calif St Univ Stanislaus	2,318	389	0	0	26	0	37	326	1,929
Calif State Univ Chico	8,357	302	28	0	0	0	0	274	8,055
Calif State Univ Fresno	7,562	284	284	0	0	0	0	0	7,278
California Baptist Col	447	0	0	0	0	0	0	0	447
California Inst of Tech	90,105	90,105	80,585	541	60	4,515	669	3,735	0
California Lutheran Col	1,198	262	0	0	32	0	89	141	936
California Maritime Acad	315	0	0	0	0	0	0	0	315
Canada College	494	0	0	0	0	0	0	0	494
Cerritos College	1,872	0	0	0	0	0	0	0	1,872
Cerro Coso Comm College	379	0	0	0	0	0	0	0	379
Chapman College	1,905	0	0	0	0	0	0	0	1,905
Charles R. Drew Med&Sci	7,015	4,561	3,987	0	0	299	275	0	2,454
Christian Heritage Coll	239	0	0	0	0	0	0	0	239
Church Div School Pacific	13	0	0	0	0	0	0	0	13
Claremont Mckenna College	572	128	45	0	83	0	0	0	444
Claremont U Ctr & Grad Sc	365	0	0	0	0	0	0	0	365
Cleveland Chiropractic C	198	0	0	0	0	0	0	0	198
Cogswell Polytech Coll	57	0	0	0	0	0	0	0	57
Col Osteo Med of Pacific	1,368	0	0	0	0	0	0	0	1,368
College of the Siskiyous	512	0	0	0	0	0	0	0	512
College of Notre Dame	273	0	0	0	0	0	0	0	273
College of Oceaneering	551	0	0	0	0	0	0	0	551
Ctr for Early Education	10	0	0	0	0	0	0	0	10
Cypress College	1,252	0	0	0	0	0	0	0	1,252

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
California, cont'd:									
D-Q University	859	403	0	0	0	403	0	0	456
De Anza College	2,227	0	0	0	0	0	0	0	2,227
Dominican Col San Rafael	359	0	0	0	0	0	0	0	359
Don Bosco Technical Inst	50	0	0	0	0	0	0	0	50
East Los Angeles College	154	4	0	0	0	0	4	0	150
Fashion Inst-Desgn & Mer	2,235	0	0	0	0	0	0	0	2,235
Foothill College	1,592	1,592	34	0	0	0	0	1,558	0
Foothill-Deanza CC Sys Of	114	114	114	0	0	0	0	0	0
Fresno City College	3,936	0	0	0	0	0	0	0	3,936
Fresno Pacific College	515	0	0	0	0	0	0	0	515
Fuller Theological Sem	58	0	0	0	0	0	0	0	58
Golden Gate University	488	0	0	0	0	0	0	0	488
Golden West College	55	55	55	0	0	0	0	0	0
Graduate Theol Union	56	0	0	0	0	0	0	0	56
Harvey Mudd College	2,451	1,257	210	0	17	5	0	1,025	1,194
Heald Bus Coll Rohmrt Pk	134	0	0	0	0	0	0	0	134
Heald Business College	254	0	0	0	0	0	0	0	254
Heald C-San Francisco	1,067	0	0	0	0	0	0	0	1,067
Heald C-Walnut Creek	139	0	0	0	0	0	0	0	139
Heald College-Oakland	196	0	0	0	0	0	0	0	196
Heald College-San Jose	132	0	0	0	0	0	0	0	132
Heald Inst Tech	177	0	0	0	0	0	0	0	177
Heald Inst Tech-San Fran	253	0	0	0	0	0	0	0	253
Holy Names College	303	0	0	0	0	0	0	0	303
Humboldt State University	759	715	627	0	88	0	0	0	44
Humphreys College	474	0	0	0	0	0	0	0	474
ITT Tech Inst-Buena Park	83	0	0	0	0	0	0	0	83
ITT Tech Inst-Van Nuys	86	0	0	0	0	0	0	0	86
ITT Tech Inst-West Cva	172	0	0	0	0	0	0	0	172
John F Kennedy University	378	196	0	0	0	0	0	196	182
L A City Jr Col Dst S O	319	319	0	0	0	0	319	0	0
L.I.F.E. Bible College	237	0	0	0	0	0	0	0	237
Lassen College	930	0	0	0	0	0	0	0	930
Life Chiropractic College	136	0	0	0	0	0	0	0	136
Loma Linda University	6,976	3,254	3,140	0	0	73	35	6	3,722
Long Beach City College	4,908	0	0	0	0	0	0	0	4,908
Los Angeles Bapt Col&Sem	407	0	0	0	0	0	0	0	407
Los Angeles Valley Col	793	0	0	0	0	0	0	0	793
Louise Salinger Academy	42	0	0	0	0	0	0	0	42
Loyola Marymount Univ	3,034	195	0	0	0	0	95	100	2,839
Manor Fashion Institute	18	0	0	0	0	0	0	0	18
Marymount Palos Verde	282	0	0	0	0	0	0	0	282
Merritt College	163	163	163	0	0	0	0	0	0
Mills College	1,304	193	193	0	0	0	0	0	1,111
Mission College	755	0	0	0	0	0	0	0	755
Monterey Inst Intl Study	22	22	0	0	0	22	0	0	0
Monterey Peninsula Col	1,448	0	0	0	0	0	0	0	1,448
Mount San Antonio College	50	50	50	0	0	0	0	0	0
Mount St Mary's College	1,664	447	49	0	0	145	253	0	1,217
Napa Valley College	48	48	0	0	48	0	0	0	0
National Hispanic Univ.	1,214	201	0	0	0	201	0	0	1,013
National University	1,605	0	0	0	0	0	0	0	1,605
New College of California	792	55	0	0	0	0	55	0	737
Northrop University	363	0	0	0	0	0	0	0	363
Occidental College	1,406	1,406	1,329	0	77	0	0	0	0
Pac Coast Bptst Bible C	84	0	0	0	0	0	0	0	84
Pacific Christian College	258	0	0	0	0	0	0	0	258
Pacific Grad Sch of Psych	18	0	0	0	0	0	0	0	18
Pacific Lutheran Theo Sem	14	0	0	0	0	0	0	0	14
Pacific Oaks College	871	0	0	0	0	0	0	0	871
Pacific Sch of Religion	90	0	0	0	0	0	0	0	90
Pacific Union College	1,152	0	0	0	0	0	0	0	1,152
Patten College	501	0	0	0	0	0	0	0	501

See explanatory information, if any, and SOURCE at end of table

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
California, cont'd:									
Pepperdine University	1,489	149	56	0	0	0	93	0	1,340
Pitzer College	835	177	177	0	0	0	0	0	658
Point Loma College	990	106	106	0	0	0	0	0	884
Pomona College	1,325	370	343	0	0	27	0	0	955
Rio Hondo College	2,544	0	0	0	0	0	0	0	2,544
Riverside City College	1,420	0	0	0	0	0	0	0	1,420
Saddleback College	713	95	0	0	24	0	0	71	618
San Diego City College	17,795	1,301	1,301	0	0	0	0	0	16,494
San Diego Miramar College	458	0	0	0	0	0	0	0	458
San Diego State Univ	26,062	14,525	13,506	0	46	197	447	329	11,537
San Francisco State Univ	11,887	2,944	2,842	0	0	0	13	89	8,943
San Joaquin Delta College	3,347	0	0	0	0	0	0	0	3,347
San Jose Bible College	176	0	0	0	0	0	0	0	176
San Jose City College	43	43	43	0	0	0	0	0	0
San Jose State University	18,143	8,649	5,114	0	133	291	846	2,265	9,494
Santa Clara University	2,356	868	581	0	0	1	198	88	1,488
Santa Rosa Junior College	32	32	0	0	32	0	0	0	0
Sch of Theology Claremont	66	0	0	0	0	0	0	0	66
Scripps College	502	0	0	0	0	0	0	0	502
Sierra College	763	0	0	0	0	0	0	0	763
Simpson College (Cal)	434	0	0	0	0	0	0	0	434
Skyline College	1,056	0	0	0	0	0	0	0	1,056
Solano Co Cmty College	951	0	0	0	0	0	0	0	951
Sonoma State University	3,857	178	111	0	0	0	0	67	3,679
Southern Cal Col Optmtry	251	0	0	0	0	0	0	0	251
Southern California Col	717	0	0	0	0	0	0	0	717
Southwestern College	2,295	83	0	0	19	0	64	0	2,212
Southwestern U Sch of Law	427	0	0	0	0	0	0	0	427
St John's Col Calif	136	0	0	0	0	0	0	0	136
St Joseph's College	40	0	0	0	0	0	0	0	40
St Mary's Col California	694	16	16	0	0	0	0	0	678
Stanford University	268,088	259,929	237,842	1,795	0	16,877	455	2,960	8,159
State Ctr Comm Coll Dist	100	0	0	0	0	0	0	0	100
Taft College	320	0	0	0	0	0	0	0	320
U of Cal Sys Wide Prgms	20,182	19,603	5,786	0	0	236	1,408	12,173	579
Univ of Cal Berkeley	168,621	151,707	136,020	0	15	11,465	758	3,449	16,914
Univ of Cal Davis	100,155	84,989	79,671	920	0	2,523	676	1,199	15,166
Univ of Cal Irvine	63,307	54,994	50,950	162	0	2,287	1,298	297	8,313
Univ of Cal Los Angeles	229,566	208,252	194,217	370	46	9,124	1,703	2,792	21,314
Univ of Cal Riverside	16,984	14,111	12,984	19	0	304	175	629	2,873
Univ of Cal San Diego	202,857	194,596	182,815	411	35	9,489	930	916	8,261
Univ of Cal San Francisco	197,031	191,275	178,698	187	0	11,217	1,093	80	5,756
Univ of Cal Santa Barbara	55,636	48,213	44,255	15	73	493	306	3,071	7,423
Univ of Cal Santa Cruz	21,756	17,061	15,541	325	0	393	641	161	4,695
Univ of San Francisco	3,095	1,027	692	0	0	61	84	190	2,068
Univ of Southern Cal	162,790	140,088	133,074	0	18	3,647	784	2,565	22,702
Univ of West Los Angeles	30	0	0	0	0	0	0	0	30
University of the Pacific	4,554	1,295	785	0	0	86	140	284	3,259
University of La Verne	1,408	0	0	0	0	0	0	0	1,408
University of Redlands	1,072	1	0	0	0	1	0	0	1,071
University of San Diego	2,780	855	593	0	0	64	67	131	1,925
US International Univ	799	0	0	0	0	0	0	0	799
Victor Valley College	1,393	0	0	0	0	0	0	0	1,393
West Coast Bible College	189	0	0	0	0	0	0	0	189
West Coast University	112	0	0	0	0	0	0	0	112
West Hills College	1,126	0	0	0	0	0	0	0	1,126
West Los Angeles College	780	0	0	0	0	0	0	0	780
Westmont College	664	34	34	0	0	0	0	0	630
Westrn St U C Law Sys Off	510	0	0	0	0	0	0	0	510
Whittier College	688	0	0	0	0	0	0	0	688
Woodbury University	488	0	0	0	0	0	0	0	488
World College West	121	0	0	0	0	0	0	0	121
Wstrn St U Col Law S Dieg	71	0	0	0	0	0	0	0	71
Yeshiva Ohr Elchonon	67	0	0	0	0	0	0	0	67
Yuba College	2,220	139	0	0	0	0	0	139	2,081

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Colorado, total	300,486	208,932	182,920	2,643	471	7,888	5,270	9,740	91,554
Adams State College	2,674	46	46	0	0	0	0	0	2,628
Arapahoe Community Col	1,455	0	0	0	0	0	0	0	1,455
Bel-Rea Inst Anml Tec	226	0	0	0	0	0	0	0	226
Beth-El College Nursing	139	0	0	0	0	0	0	0	139
Blair Junior College	954	0	0	0	0	0	0	0	954
Colorado Christian Univ	558	0	0	0	0	0	0	0	558
Colorado College	1,052	48	5	0	42	1	0	0	1,004
Colorado School of Mines	3,810	3,601	3,284	0	43	0	0	274	209
Colorado State University	61,656	51,700	43,671	80	0	1,478	1,084	5,387	9,956
Colorado Technical Col	682	0	0	0	0	0	0	0	682
Community Col Aurora	1,157	68	0	0	0	0	68	0	1,089
Community College Denver	2,808	0	0	0	0	0	0	0	2,808
Denver Inst of Technology	1,029	0	0	0	0	0	0	0	1,029
Denver Technical College	942	0	0	0	0	0	0	0	942
Fort Lewis College	1,978	410	221	0	38	105	16	30	1,568
Front Range Comm College	2,866	130	1	0	0	0	0	129	2,736
Iliff School of Theology	66	0	0	0	0	0	0	0	66
ITT Technical Institute	50	0	0	0	0	0	0	0	50
Lamar Community College	849	0	0	0	0	0	0	0	849
Mesa State College	3,534	0	0	0	0	0	0	0	3,534
Metropoltn St Coll Denver	8,849	505	168	0	215	0	0	122	8,344
Morgan County CC	277	0	0	0	0	0	0	0	277
Naropa Institute	343	0	0	0	0	0	0	0	343
National Tech University	100	0	0	0	0	0	0	0	100
Nazarene Bible College	506	0	0	0	0	0	0	0	506
Otero Junior College	799	0	0	0	0	0	0	0	799
Pikes Peak Community Col	4,230	0	0	0	0	0	0	0	4,230
Red Rocks Comm College	1,602	0	0	0	0	0	0	0	1,602
Regis College	2,635	110	0	0	0	0	0	110	2,525
St Thomas Seminary	735	717	717	0	0	0	0	0	18
Technical Trades Institut	801	0	0	0	0	0	0	0	801
Trinidad State Junior Col	2,444	0	0	0	0	0	0	0	2,444
Univ of Northern Colorado	7,382	2,505	1,834	0	9	32	0	630	4,877
Univ of Southern Colorado	6,073	980	509	0	65	0	406	0	5,093
University of Colorado	166,735	141,444	126,090	2,563	0	6,068	3,665	3,058	25,291
University of Denver	6,839	6,623	6,374	0	14	204	31	0	216
Western St Col Colorado	1,623	45	0	0	45	0	0	0	1,578
Yeshiva T Chaim Tal Sem	28	0	0	0	0	0	0	0	28
Connecticut, total	266,051	227,412	198,672	3,350	77	14,044	4,128	7,141	38,639
Albertus Magnus College	239	0	0	0	0	0	0	0	239
Asnuntuck CC	197	0	0	0	0	0	0	0	197
Bais Binyomin Academy	59	0	0	0	0	0	0	0	59
Briarwood College	113	0	0	0	0	0	0	0	113
Central Conn State Univ	1,718	159	88	0	0	0	71	0	1,559
Connecticut College	953	74	74	0	0	0	0	0	879
Eastern Conn State Univ	1,174	0	0	0	0	0	0	0	1,174
Fairfield University	1,616	549	368	21	0	0	0	160	1,067
Greater Hartford Cmty Col	875	0	0	0	0	0	0	0	875
Greater New Haven St Tech	130	0	0	0	0	0	0	0	130
Hartford Col for Women	102	0	0	0	0	0	0	0	102
Holy Apostles College	65	0	0	0	0	0	0	0	65
Housatonic Cmty Col	662	0	0	0	0	0	0	0	662
Manchester Community Col	1,022	0	0	0	0	0	0	0	1,022
Mattatuck Community Col	976	0	0	0	0	0	0	0	976
Middlesex Cmty Col (Conn)	436	0	0	0	0	0	0	0	436
Mitchell College	266	0	0	0	0	0	0	0	266
Mohegan Community College	441	0	0	0	0	0	0	0	441
Northwstrn Conn Cmty Col	327	137	0	0	0	0	0	137	190
Norwalk Community College	566	0	0	0	0	0	0	0	566
Quinebaug Valley CC	585	0	0	0	0	0	0	0	585
Quinnipiac College	759	0	0	0	0	0	0	0	759
Sacred Heart University	934	3	0	0	0	0	0	3	931
South Central Cmty Col	688	0	0	0	0	0	0	0	688
Southern Conn State Univ	2,142	453	124	0	0	0	0	329	1,689
St Basil's College	10	0	0	0	0	0	0	0	10
St Joseph College	455	94	0	0	0	0	94	0	361

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Connecticut, cont'd:									
Teikyo Post University	465	0	0	0	0	0	0	0	465
Trinity College	1,533	185	135	0	36	1	0	13	1,348
Tunxis Community College	304	0	0	0	0	0	0	0	304
University of Bridgeport	2,187	0	0	0	0	0	0	0	2,187
University of Connecticut	56,855	51,205	42,860	0	0	1,543	2,512	4,290	5,650
University of Hartford	2,230	255	226	0	29	0	0	0	1,975
University of New Haven	1,115	176	0	0	0	40	0	136	939
Waterbury State Tech Col	110	0	0	0	0	0	0	0	110
Wesleyan University	4,653	2,372	2,284	0	0	47	26	15	2,281
Western Conn State Univ	675	40	0	0	0	0	0	40	635
Yale University	178,414	171,710	152,513	3,329	12	12,413	1,425	2,018	6,704
Delaware, total	36,985	24,797	19,688	0	25	1,016	1,172	2,896	12,188
Delaware State College	4,851	2,044	647	0	0	391	420	586	2,807
Delaware Tech & Cmty Col	4,216	54	0	0	0	2	52	0	4,162
Goldey Beacom College	366	0	0	0	0	0	0	0	366
University of Delaware	26,128	22,699	19,041	0	25	623	700	2,310	3,429
Wesley College	1,161	0	0	0	0	0	0	0	1,161
Wilmington College	263	0	0	0	0	0	0	0	263
District of Columbia, total	355,473	109,596	91,879	2,100	80	3,413	3,914	8,210	245,877
American University	5,835	2,712	1,466	0	29	296	134	787	3,123
Catholic Univ of America	6,190	4,722	4,590	0	0	122	10	0	1,468
Corcoran School of Art	212	31	31	0	0	0	0	0	181
Gallaudet University	52,263	5,541	3,974	400	0	120	10	1,037	46,722
George Washington Univ	34,461	26,692	22,824	0	0	404	371	3,093	7,769
Georgetown University	56,967	40,996	37,668	0	0	878	870	1,580	15,971
Howard University	191,540	24,858	19,124	1,700	0	1,324	2,064	646	166,682
Mount Vernon College	132	0	0	0	0	0	0	0	132
Southeastern University	147	0	0	0	0	0	0	0	147
Strayer College	914	0	0	0	0	0	0	0	914
Trinity College	443	0	0	0	0	0	0	0	443
University of D C	6,352	4,044	2,202	0	51	269	455	1,067	2,308
Wesley Theol Sem	17	0	0	0	0	0	0	0	17
Florida, total	430,172	254,881	217,377	3,162	462	8,484	6,459	18,937	175,291
Art Inst of Ft Lauderdale	2,028	0	0	0	0	0	0	0	2,028
Barry University	1,830	615	0	0	0	332	283	0	1,215
Bethune Cookman College	6,827	812	80	0	0	134	598	0	6,015
Clearwater Christian Col	274	0	0	0	0	0	0	0	274
College of Boca Raton	232	0	0	0	0	0	0	0	232
Eckerd College	1,113	145	145	0	0	0	0	0	968
Edward Waters College	2,280	0	0	0	0	0	0	0	2,280
Embry-Riddle Aero Univ	6,942	779	574	0	200	0	5	0	6,163
Flagler College	469	0	0	0	0	0	0	0	469
Florida A & M University	27,016	15,259	10,121	0	64	1,468	1,587	1,999	11,757
Florida Atlantic Univ	7,828	4,838	2,980	0	0	72	13	1,773	2,990
Florida Bible College	102	0	0	0	0	0	0	0	102
Florida College	99	0	0	0	0	0	0	0	99
Florida Inst of Tech	2,175	1,711	1,711	0	0	0	0	0	464
Florida International U	8,545	2,976	2,490	0	0	4	50	432	5,569
Florida Memorial College	4,478	0	0	0	0	0	0	0	4,478
Florida Southern College	751	0	0	0	0	0	0	0	751
Florida State University	56,223	47,245	45,334	11	0	437	784	679	8,978
Fort Lauderdale Univ	3,728	0	0	0	0	0	0	0	3,728
FL Comm Col-Jacksonville	87	0	0	0	0	0	0	0	87
Hillsborough Cmty College	3,288	0	0	0	0	0	0	0	3,288
Hobe Sound Bible College	132	0	0	0	0	0	0	0	132
Indian River Cmty College	97	0	0	0	0	0	0	0	97

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Florida, cont'd:									
International Fine Arts C	722	0	0	0	0	0	0	0	722
ITS Career Inst Jksonvl	295	0	0	0	0	0	0	0	295
ITS Career Inst-Miami	252	0	0	0	0	0	0	0	252
ITT Tech Institute	60	0	0	0	0	0	0	0	60
Jacksonville University	1,912	0	0	0	0	0	0	0	1,912
Jones College	5,607	0	0	0	0	0	0	0	5,607
Keiser Coll of Technology	878	0	0	0	0	0	0	0	878
Liberty Bible College	114	0	0	0	0	0	0	0	114
Miami Christian College	211	0	0	0	0	0	0	0	211
Miami-Dade Cmty College	21,602	27	0	0	0	0	0	27	21,575
New Eng Inst Tec-Palm Bch	840	0	0	0	0	0	0	0	840
Nova University	3,400	1,505	1,428	0	0	0	77	0	1,895
Palm Beach Atlantic Coll	720	0	0	0	0	0	0	0	720
Palm Beach Junior College	19	19	0	0	19	0	0	0	0
Pensacola Junior College	4,702	0	0	0	0	0	0	0	4,702
Phillips Junior College	2,986	0	0	0	0	0	0	0	2,986
Polk Community College	11	11	0	0	11	0	0	0	0
Prospect Hall College	625	0	0	0	0	0	0	0	625
Rollins College	1,191	140	0	0	0	0	32	108	1,051
Santa Fe Community Col	405	53	0	0	53	0	0	0	352
Seminole Community Col	1,382	0	0	0	0	0	0	0	1,382
Sestrn Col-Assemb of God	1,096	0	0	0	0	0	0	0	1,096
St John Vianney Col Sem	36	0	0	0	0	0	0	0	36
St Leo College	883	0	0	0	0	0	0	0	883
St. Thom of Villanova U	1,817	37	0	0	0	0	0	37	1,780
State Univ Sys of Fla Off	149	149	94	0	0	6	25	24	0
Stetson University	1,326	47	0	0	47	0	0	0	1,279
SE Univ Health Sciences	1,824	0	0	0	0	0	0	0	1,824
Talmudic Col of Florida	150	0	0	0	0	0	0	0	150
Tampa College	1,772	0	0	0	0	0	0	0	1,772
Tampa Technical Institute	110	0	0	0	0	0	0	0	110
Univ of Central Florida	13,062	7,045	6,201	0	0	390	0	454	6,017
Univ of South Florida	26,115	15,703	13,688	0	0	618	285	1,112	10,412
Univ of West Florida	3,707	1,396	750	0	0	90	128	428	2,311
University of Florida	99,483	79,467	63,270	2,609	68	2,700	1,009	9,811	20,016
University of Miami	89,705	74,377	68,511	542	0	2,213	1,583	1,528	15,328
University of North Fla	2,083	426	0	0	0	0	0	426	1,657
University of Sarasota	21	0	0	0	0	0	0	0	21
University of Tampa	1,813	99	0	0	0	0	0	99	1,714
Warner Southern College	371	0	0	0	0	0	0	0	371
Webber College	171	0	0	0	0	0	0	0	171
Georgia, total	378,082	261,995	194,164	2,646	577	10,035	6,971	47,602	116,087
Abraham Baldwin Agric Col	1,953	42	42	0	0	0	0	0	1,911
Agnes Scott College	348	0	0	0	0	0	0	0	348
Albany State College	4,661	471	0	0	0	171	300	0	4,190
American Coll for App Art	491	0	0	0	0	0	0	0	491
Andrew College	238	0	0	0	0	0	0	0	238
Armstrong State College	1,391	33	0	0	33	0	0	0	1,358
Art Institute of Atlanta	1,193	0	0	0	0	0	0	0	1,193
Atlanta Christian Col	175	0	0	0	0	0	0	0	175
Atlanta University Center	2,662	2,662	1,762	0	0	900	0	0	0
Bainbridge College	374	0	0	0	0	0	0	0	374
Bauder Finshng & Career C	270	0	0	0	0	0	0	0	270
Berry College	808	0	0	0	0	0	0	0	808
Brenau College	382	0	0	0	0	0	0	0	382
Brewton-Parker College	2,533	0	0	0	0	0	0	0	2,533
Clark Atlanta University	12,389	10,856	9,315	0	21	632	888	0	1,533
Clayton Junior College	639	0	0	0	0	0	0	0	639
Columbus College	1,864	60	0	0	0	0	0	60	1,804
Crandall Junior College	765	0	0	0	0	0	0	0	765
Dalton College	566	0	0	0	0	0	0	0	566
Darton College	9	9	0	0	9	0	0	0	0
Emmanuel College	384	0	0	0	0	0	0	0	384
Emory University	69,345	61,596	57,385	250	24	2,128	1,022	787	7,749
Floyd College	740	0	0	0	0	0	0	0	740
Fort Valley State College	9,103	3,930	1,897	0	0	234	66	1,733	5,173
Gainesville College	1,949	0	0	0	0	0	0	0	1,949

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Georgia, cont'd:									
Georgia College	1,443	0	0	0	0	0	0	0	1,443
Georgia Institute of Tech	94,779	84,402	56,008	0	150	1,264	418	26,562	10,377
Georgia Military College	817	0	0	0	0	0	0	0	817
Georgia Southern Univ	5,416	950	600	0	75	128	147	0	4,466
Georgia Southwestern Col	1,522	21	21	0	0	0	0	0	1,501
Georgia State University	11,708	6,490	5,374	148	0	143	96	729	5,218
Gordon College	618	0	0	0	0	0	0	0	618
Inst of Paper Sci & Tech	598	598	598	0	0	0	0	0	0
Interdenomina Theol Ctr	75	0	0	0	0	0	0	0	75
Kennesaw College	1,724	130	100	0	0	0	30	0	1,594
La Grange College	459	1	0	0	0	1	0	0	458
Life College	473	0	0	0	0	0	0	0	473
Macon College	1,241	0	0	0	0	0	0	0	1,241
Massey Business College	1,539	0	0	0	0	0	0	0	1,539
Medical Col of Georgia	10,179	8,488	8,064	0	0	138	286	0	1,691
Mercer University	11,872	7,453	2,663	0	100	96	5	4,589	4,419
Middle Georgia College	726	101	0	0	0	0	0	101	625
Morehouse College	9,410	4,517	778	0	0	1,686	1,048	1,005	4,893
Morehouse School of Med	14,469	7,275	6,051	0	0	177	1,047	0	7,194
Morris Brown College	5,444	503	244	0	0	0	259	0	4,941
North Georgia College	677	0	0	0	0	0	0	0	677
Oglethorpe University	422	0	0	0	0	0	0	0	422
Paine College	2,459	0	0	0	0	0	0	0	2,459
Piedmont College	229	0	0	0	0	0	0	0	229
Reinhardt College	208	0	0	0	0	0	0	0	208
Savannah State College	4,464	422	6	0	0	171	240	5	4,042
Shorter College	364	0	0	0	0	0	0	0	364
South Georgia College	1,246	0	0	0	0	0	0	0	1,246
Southern College of Tech	929	85	16	0	69	0	0	0	844
Spelman College	4,772	2,214	320	0	44	1,254	596	0	2,558
Thomas County Cmty Coll	400	0	0	0	0	0	0	0	400
Toccoa Falls College	775	0	0	0	0	0	0	0	775
Truett Mcconnell College	411	0	0	0	0	0	0	0	411
Univ System of Georgia	2,117	2,117	2,117	0	0	0	0	0	0
University of Georgia	62,684	56,465	40,715	2,248	52	896	523	12,031	6,219
Valdosta State College	3,390	88	88	0	0	0	0	0	3,302
Wesleyan College	379	0	0	0	0	0	0	0	379
West Georgia College	2,287	16	0	0	0	16	0	0	2,271
Young Harris College	125	0	0	0	0	0	0	0	125
Hawaii, total	83,720	63,538	47,291	6,378	12	1,178	4,158	4,521	20,182
Chaminade U of Honolulu	785	0	0	0	0	0	0	0	785
Hawaii Loa College	393	27	0	0	0	27	0	0	366
Hawaii Pacific College	1,047	0	0	0	0	0	0	0	1,047
Honolulu Cmty College	527	0	0	0	0	0	0	0	527
Kapiolani Cmty College	834	0	0	0	0	0	0	0	834
Kauai Cmty College	511	0	0	0	0	0	0	0	511
Leeward Cmty College	611	0	0	0	0	0	0	0	611
Maui Community College	488	0	0	0	0	0	0	0	488
Univ of Hawaii - W. Oahu	175	95	95	0	0	0	0	0	80
Univ of Hawaii Sys Off	12,144	11,673	8,382	0	0	180	2,309	802	471
Univ of Hawaii-Manoa	62,744	50,302	38,014	6,378	12	971	444	3,683	12,442
Univ Hawaii at Hilo	3,461	1,441	0	0	0	0	1,405	36	2,020
Idaho, total	57,715	25,604	12,718	6,372	83	158	98	6,195	32,111
Boise Bible College	76	0	0	0	0	0	0	0	76
Boise State University	8,170	690	329	0	0	4	0	357	7,480
College of Idaho	535	0	0	0	0	0	0	0	535
College of Southern Idaho	3,179	0	0	0	0	0	0	0	3,179
Idaho State University	8,555	1,731	1,325	0	0	2	0	404	6,824
Lewis-Clark State College	2,311	149	0	0	0	0	0	149	2,162
Northwest Nazarene Col	913	14	0	0	14	0	0	0	899
Ricks College	4,842	0	0	0	0	0	0	0	4,842
University of Idaho	29,134	23,020	11,064	6,372	49	152	98	5,285	6,114

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Illinois, total	636,969	426,217	362,285	2,144	637	21,363	5,217	34,571	210,752
A Adler Inst of Chicago	7	0	0	0	0	0	0	0	7
Amer Acad of Art	198	0	0	0	0	0	0	0	198
Amer Conserv of Music	62	0	0	0	0	0	0	0	62
Augustana College	1,519	32	30	0	0	2	0	0	1,487
Aurora College	872	0	0	0	0	0	0	0	872
Barat College	483	0	0	0	0	0	0	0	483
Bethany Theol Sem	29	0	0	0	0	0	0	0	29
Blackburn College	435	0	0	0	0	0	0	0	435
Blessing College Nursing	24	0	0	0	0	0	0	0	24
Bradley University	3,049	45	45	0	0	0	0	0	3,004
Carl Sandburg College	1,299	85	0	0	0	0	0	85	1,214
Chicago Col of Osteo Med	1,840	170	170	0	0	0	0	0	1,670
Chicago Sch of Prof Psych	36	29	0	0	0	29	0	0	7
Chicago State University	7,900	946	0	0	0	62	739	145	6,954
City Colleges of Chicago	22,785	231	231	0	0	0	0	0	22,554
College of Du Page	1,699	266	0	0	0	0	65	201	1,433
College of Lake County	38	0	0	0	0	0	0	0	38
College of St Francis	496	0	0	0	0	0	0	0	496
Columbia College	4,756	361	361	0	0	0	0	0	4,395
Concordia University	467	1	0	0	0	1	0	0	466
Danville Area Cmty Col	1,693	0	0	0	0	0	0	0	1,693
De Paul University	4,356	778	556	0	0	64	62	96	3,578
DeVry Inst of Technology	2,290	0	0	0	0	0	0	0	2,290
East-West University	1,031	0	0	0	0	0	0	0	1,031
Eastern Illinois Univ	4,062	460	44	0	43	1	160	212	3,602
Elmhurst College	19	19	0	0	19	0	0	0	0
Eureka College	461	0	0	0	0	0	0	0	461
Felician College	6	0	0	0	0	0	0	0	6
Forest Inst of Prof Psych	24	11	0	0	0	11	0	0	13
Garrett-Evangicl Theo Sem	57	0	0	0	0	0	0	0	57
Gem City College	146	0	0	0	0	0	0	0	146
Governors State Univ	1,240	0	0	0	0	0	0	0	1,240
Greenville College	874	0	0	0	0	0	0	0	874
Hebrew Theological Col	22	0	0	0	0	0	0	0	22
Highland Community Col	992	0	0	0	0	0	0	0	992
Illinois Benedictine Col	736	74	0	0	0	0	74	0	662
Illinois Central College	2,354	0	0	0	0	0	0	0	2,354
Illinois Col of Optometry	502	0	0	0	0	0	0	0	502
Illinois College	532	0	0	0	0	0	0	0	532
Illinois Inst of Tech	8,521	5,989	5,723	0	0	42	134	90	2,532
Illinois State University	10,474	2,575	2,057	0	0	13	0	505	7,899
Illinois Technical Col	427	0	0	0	0	0	0	0	427
Illinois Wesleyan Univ	611	43	0	0	43	0	0	0	568
John A Logan College	2,660	0	0	0	0	0	0	0	2,660
Joliet Jr College	152	152	73	0	79	0	0	0	0
Judson College	499	0	0	0	0	0	0	0	499
Kankakee Community Col	750	0	0	0	0	0	0	0	750
Kaskaskia College	1,318	0	0	0	0	0	0	0	1,318
Kendall College	267	0	0	0	0	0	0	0	267
Knox College	1,230	439	375	0	64	0	0	0	791
Lake Forest College	1,717	654	568	0	86	0	0	0	1,063
Lake Land College	1,734	0	0	0	0	0	0	0	1,734
Lewis and Clark Cmty Col	120	120	120	0	0	0	0	0	0
Lewis University	1,983	0	0	0	0	0	0	0	1,983
Lincoln Christian Col	403	0	0	0	0	0	0	0	403
Lincoln College	1,128	0	0	0	0	0	0	0	1,128
Lincoln Land Cmty College	35	35	0	0	35	0	0	0	0
Loyola Univ - Chicago	15,802	9,857	9,391	0	0	194	272	0	5,945
MacCormac College	470	0	0	0	0	0	0	0	470
MacMurray College	896	0	0	0	0	0	0	0	896
Mallinckrodt College	12	0	0	0	0	0	0	0	12
McCormick Theol Sem	35	0	0	0	0	0	0	0	35
McKendree College	941	0	0	0	0	0	0	0	941
Metropolitan Bus College	610	0	0	0	0	0	0	0	610
Millikin University	981	1	0	0	0	1	0	0	980
Monmouth College	739	0	0	0	0	0	0	0	739

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Illinois, cont'd:									
Moraine Valley Cmty Col	11	11	0	0	11	0	0	0	0
Morrison Inst of Tech	145	0	0	0	0	0	0	0	145
Morton College	361	0	0	0	0	0	0	0	361
Naes College	436	0	0	0	0	0	0	0	436
Niles College	85	0	0	0	0	0	0	0	85
North Central College	514	1	0	0	0	1	0	0	513
North Park Col Theol Sem	866	0	0	0	0	0	0	0	866
Northeastern Ill Univ	6,399	942	0	0	0	0	0	942	5,457
Northern Illinois Univ	12,015	4,799	3,616	0	0	286	46	851	7,216
Northwestern University	85,019	74,318	67,725	0	91	3,068	534	2,900	10,701
Oakton Community College	766	0	0	0	0	0	0	0	766
Olivet Nazarene College	944	1	0	0	0	1	0	0	943
Parkland College	3,126	78	48	0	30	0	0	0	3,048
Prairie State College	968	0	0	0	0	0	0	0	968
Quincy College	959	0	0	0	0	0	0	0	959
Ray College of Design	217	0	0	0	0	0	0	0	217
Rend Lake College	6	0	0	0	0	0	0	0	6
Richland Cmty Col	854	0	0	0	0	0	0	0	854
Robert Morris Col (Ill)	1,895	0	0	0	0	0	0	0	1,895
Rockford College	702	11	0	0	11	0	0	0	691
Roosevelt University	2,816	0	0	0	0	0	0	0	2,816
Rosary College	493	0	0	0	0	0	0	0	493
Rush University	2,280	1,159	1,080	0	0	26	53	0	1,121
S Illinois U Edwardsville	7,340	1,008	896	0	80	32	0	0	6,332
Sangamon State University	901	0	0	0	0	0	0	0	901
Shimer College	144	0	0	0	0	0	0	0	144
Southern Ill U-Carbondale	22,845	8,045	6,451	13	0	134	187	1,260	14,800
Southrn Ill Univ Sys Off	340	340	340	0	0	0	0	0	0
Spertus Coll of Judaica	51	0	0	0	0	0	0	0	51
Springfield Col in Ill	166	0	0	0	0	0	0	0	166
St Augustine Cmty Coll	3,314	0	0	0	0	0	0	0	3,314
St Francis Medical Ce	54	0	0	0	0	0	0	0	54
St Xavier College	1,397	0	0	0	0	0	0	0	1,397
State CC at East St Louis	1,655	0	0	0	0	0	0	0	1,655
Telshe Yeshiva - Chicago	100	0	0	0	0	0	0	0	100
Trinity Christian Col	310	0	0	0	0	0	0	0	310
Trinity College	744	0	0	0	0	0	0	0	744
Trinity Evangel Div Schl	17	0	0	0	0	0	0	0	17
Triton College	80	80	80	0	0	0	0	0	0
U Hlth Sci/Chcgo Med Sch	4,727	3,622	3,573	0	0	0	49	0	1,105
Univ of Ill Chicago	66,488	50,547	46,517	25	0	1,112	418	2,475	15,941
Univ of Ill Urbana	137,270	136,044	110,509	1,933	45	3,215	922	19,420	1,226
Univ of Illinois Sys Off	15,956	6,579	3,555	0	0	635	657	1,732	9,377
University of Chicago	119,179	114,390	97,949	173	0	12,431	845	2,992	4,789
Western Illinois Univ	6,180	867	202	0	0	0	0	665	5,313
Wheaton College	1,018	2	0	0	0	2	0	0	1,016
William Rainey Harper Col	590	0	0	0	0	0	0	0	590
Wm M Scholl Coll Pod Med	320	0	0	0	0	0	0	0	320
Indiana, total	322,053	184,144	155,882	3,291	1,185	6,248	1,991	15,547	137,909
Ancilla Domini College	356	0	0	0	0	0	0	0	356
Anderson College	1,531	1	0	0	0	1	0	0	1,530
Ball State University	10,099	2,075	1,800	0	51	0	0	224	8,024
Bethel College	433	0	0	0	0	0	0	0	433
Butler University	1,998	513	335	0	49	1	0	128	1,485
Calumet College	726	0	0	0	0	0	0	0	726
Christian Theol Sem	44	0	0	0	0	0	0	0	44
De Pauw University	918	103	50	0	22	0	0	31	815
Earlham College	1,261	296	0	0	34	0	53	209	965
Franklin Col of Indiana	613	0	0	0	0	0	0	0	613
George Rogers Clark Col	841	0	0	0	0	0	0	0	841
Goshen College	666	1	0	0	0	1	0	0	665
Grace College	780	0	0	0	0	0	0	0	780
Hanover College	170	0	0	0	0	0	0	0	170
Holy Cross College	163	0	0	0	0	0	0	0	163
Huntington College	409	0	0	0	0	0	0	0	409
Ind Voc Tech College	16,305	272	0	0	5	0	0	267	16,033
Indiana State University	13,247	5,155	4,995	0	46	0	0	114	8,092
Indiana University	115,868	78,229	69,205	2,313	270	3,392	1,104	1,945	37,639

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Indiana, cont'd									
Indiana Wesleyan College	12	0	0	0	0	0	0	0	12
International Bus Col	587	0	0	0	0	0	0	0	587
Interstate Tech Institute	1	0	0	0	0	0	0	0	1
ITT Tech Inst-Indianapol	16,623	0	0	0	0	0	0	0	16,623
Manchester College	878	158	0	0	0	0	0	158	720
Marian College	649	0	0	0	0	0	0	0	649
Martin Center College	1,195	672	672	0	0	0	0	0	523
Oakland City College	1,290	0	0	0	0	0	0	0	1,290
Purdue University	92,339	80,046	64,543	36	212	2,295	540	12,420	12,293
Rose-Hulman Inst of Tech	1,144	368	141	0	227	0	0	0	776
St Francis College	485	0	0	0	0	0	0	0	485
St Joseph's College	511	0	0	0	0	0	0	0	511
St Mary-of-the-Woods Col	401	0	0	0	0	0	0	0	401
St Mary's College	598	152	119	0	0	0	33	0	446
St Meinrad College	110	0	0	0	0	0	0	0	110
St Meinrad Sch - Theology	63	0	0	0	0	0	0	0	63
Summit Christian College	414	0	0	0	0	0	0	0	414
Taylor University	819	1	0	0	0	1	0	0	818
Tri-State University	632	25	0	0	25	0	0	0	607
University of Evansville	1,715	105	25	0	79	1	0	0	1,610
University of Indianapoli	1,025	D	0	0	0	0	0	0	1,025
University of Notre Dame	25,859	15,575	13,767	942	0	554	261	51	10,284
Valparaiso University	1,939	373	230	0	143	0	0	0	1,566
Vincennes University	6,314	2	0	0	0	2	0	0	6,312
Wabash College	22	22	0	0	22	0	0	0	0
Iowa, total	225,592	152,203	124,814	5,677	397	6,213	1,385	13,717	73,389
Briar Cliff College	1,464	21	21	0	0	0	0	0	1,443
Buena Vista College	2,016	29	0	0	0	0	0	29	1,987
Central Univ of Iowa	1,979	D	0	0	0	0	0	0	1,979
Clarke College	693	0	0	0	0	0	0	0	693
Coe College	1,272	38	25	0	13	0	0	0	1,234
Cornell College	943	96	0	0	96	0	0	0	847
Des Moines Area Cmty Col	21	21	0	0	21	0	0	0	0
Divine Word College	168	0	0	0	0	0	0	0	168
Dordt College	799	13	13	0	0	0	0	0	786
Drake University	3,388	699	33	0	99	130	256	181	2,689
Eastern Iowa Cmty College	198	198	0	0	0	198	0	0	0
Emmaus Bible College	62	0	0	0	0	0	0	0	62
Faith Baptist Bible Col	211	0	0	0	0	0	0	0	211
Graceland College	1,493	0	0	0	0	0	0	0	1,493
Grand View College	791	0	0	0	0	0	0	0	791
Grinnell College	949	430	113	0	66	1	0	250	519
Indian Hills Cmty College	2,692	0	0	0	0	0	0	0	2,692
Iowa State University	66,466	52,611	34,028	5,065	0	1,293	256	11,969	13,855
Iowa Wesleyan College	680	0	0	0	0	0	0	0	680
Loras College	1,296	37	0	0	37	0	0	0	1,259
Luther College	2,434	258	118	0	15	0	0	125	2,176
Maharishi Intl University	1,501	398	342	0	0	0	56	0	1,103
Morningside College	1,330	34	0	0	34	0	0	0	1,296
Mount Mercy College	901	0	0	0	0	0	0	0	901
Mount St Clare College	196	0	0	0	0	0	0	0	196
N Iowa Area Cmty College	1,894	22	0	0	0	0	0	22	1,872
Northwest Iowa Tech Col	317	0	0	0	0	0	0	0	317
Northwestern College	1,129	85	0	0	0	0	0	85	1,044
Palmer Col of Chiroprctc	812	0	0	0	0	0	0	0	812
Simpson College	902	0	0	0	0	0	0	0	902
Southwestern Cmty College	1,022	25	25	0	0	0	0	0	997
St Ambrose College	1,322	80	0	0	0	0	0	80	1,242
Teikyo Marycrest Coll	978	0	0	0	0	0	0	0	978
Teikyo Westmar Univer	897	0	0	0	0	0	0	0	897
Univ of Northern Iowa	13,048	4,984	4,983	0	0	1	0	0	8,064
Univ of Osteopathic Med	779	0	0	0	0	0	0	0	779
University of Dubuque	52	0	0	0	0	0	0	0	52
University of Iowa	104,459	92,124	85,113	612	16	4,590	817	976	12,335
Upper Iowa University	1,149	0	0	0	0	0	0	0	1,149
Vennard College	216	0	0	0	0	0	0	0	216
Waldorf College	546	0	0	0	0	0	0	0	546
Wartburg College	980	0	0	0	0	0	0	0	980

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Iowa, cont'd:									
Wartburg Theol Sem	42	0	0	0	0	0	0	0	42
William Penn College	1,105	0	0	0	0	0	0	0	1,105
Kansas, total	130,742	77,876	50,894	8,519	82	2,316	1,210	14,855	52,866
Baker University	755	0	0	0	0	0	0	0	755
Barclay College	111	0	0	0	0	0	0	0	111
Barton County Cmty Col	206	7	0	0	7	0	0	0	199
Benedictine College	959	0	0	0	0	0	0	0	959
Bethany College	676	7	0	0	7	0	0	0	669
Bethel College	605	23	23	0	0	0	0	0	582
Donnelly College	2,072	0	0	0	0	0	0	0	2,072
Emporia State University	3,423	0	0	0	0	0	0	0	3,423
Fort Hays St Univ	8,081	4,159	3,976	0	0	0	77	106	3,922
Friends University	863	0	0	0	0	0	0	0	863
Haskell Indian Jr College	279	0	0	0	0	0	0	0	279
Hesston College	780	0	0	0	0	0	0	0	780
Kans St U - Ag & App Sci	37,932	27,760	16,425	3,619	27	598	167	6,924	10,172
Kansas City Col&Bible Sch	30	0	0	0	0	0	0	0	30
Kansas City Kansas Cmty C	234	0	0	0	0	0	0	0	234
Kansas Wesleyan Unive	764	0	0	0	0	0	0	0	764
Manhattan Christian Col	226	0	0	0	0	0	0	0	226
McPherson College	388	1	0	0	0	1	0	0	387
Mid-America Nazarene Col	1,129	0	0	0	0	0	0	0	1,129
Ottawa University	1,341	0	0	0	0	0	0	0	1,341
Pittsburg State Univ	4,462	1,133	126	0	21	0	0	986	3,329
Southwestern College	796	0	0	0	0	0	0	0	796
St Mary of the Plains Col	647	0	0	0	0	0	0	0	647
St Mary College	898	65	0	0	0	0	0	65	833
Sterling College	728	0	0	0	0	0	0	0	728
Tabor College	533	0	0	0	0	0	0	0	533
University of Kansas	52,622	42,330	28,341	4,900	20	1,717	966	6,386	10,292
Wichita State University	9,202	2,391	2,003	0	0	0	0	388	6,811
Kentucky, total	167,503	62,736	46,190	0	170	1,283	750	14,343	104,767
Alice Lloyd College	736	0	0	0	0	0	0	0	736
Asbury College	933	0	0	0	0	0	0	0	933
Asbury Theol Seminary	255	0	0	0	0	0	0	0	255
Bellarmine College	698	0	0	0	0	0	0	0	698
Berea College	3,532	101	63	0	0	0	38	0	3,431
Brescia College	636	0	0	0	0	0	0	0	636
Campbellsville College	1,243	0	0	0	0	0	0	0	1,243
Centre College	437	22	22	0	0	0	0	0	415
Cumberland College	2,097	0	0	0	0	0	0	0	2,097
Eastern Kentucky Univ	11,527	181	169	0	0	12	0	0	11,346
Georgetown College	840	0	0	0	0	0	0	0	840
Inst of Electronic Tech	331	0	0	0	0	0	0	0	331
Kentucky Christian Col	691	0	0	0	0	0	0	0	691
Kentucky Col of Business	1,042	0	0	0	0	0	0	0	1,042
Kentucky College of Tech	144	0	0	0	0	0	0	0	144
Kentucky State University	8,703	4,988	2,364	0	0	232	166	2,226	3,715
Kentucky Wesleyan College	660	15	0	0	15	0	0	0	645
Lees Junior College	1,024	0	0	0	0	0	0	0	1,024
Lindsey Wilson College	1,798	0	0	0	0	0	0	0	1,798
Louisville Pres Theol Sem	27	0	0	0	0	0	0	0	27
Mid-Cont Baptist Bible C	91	0	0	0	0	0	0	0	91
Midway College	492	0	0	0	0	0	0	0	492

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Kentucky, cont'd:									
Morehead State University	8,921	63	0	0	0	0	0	63	8,858
Murray State University	5,270	337	238	0	36	0	0	63	4,933
Northern Kentucky Univ	3,768	266	238	0	28	0	0	0	3,502
Pikeville College	1,740	0	0	0	0	0	0	0	1,740
RETS Electronic Institute	1,852	0	0	0	0	0	0	0	1,852
Spalding University	611	0	0	0	0	0	0	0	611
St Catharine College	290	0	0	0	0	0	0	0	290
Sue Bennett College	649	0	0	0	0	0	0	0	649
Thomas More College	710	0	0	0	0	0	0	0	710
Transylvania University	423	0	0	0	0	0	0	0	423
Union College	1,325	0	0	0	0	0	0	0	1,325
University of Kentucky	79,964	49,383	35,914	0	91	997	407	11,974	30,581
University of Louisville	16,091	6,897	6,699	0	0	42	139	17	9,194
Western Kentucky Univ	7,952	483	483	0	0	0	0	0	7,469
Louisiana, total	273,413	120,399	101,680	0	216	2,510	4,363	11,630	153,014
Delgado Community College	4,971	0	0	0	0	0	0	0	4,971
Dillard University	4,514	217	24	0	0	145	48	0	4,297
Grambling State Univ	14,189	1,154	269	0	102	242	434	107	13,035
Louisiana College	882	0	0	0	0	0	0	0	882
Louisiana Tech University	6,638	1,072	1,072	0	0	0	0	0	5,566
Loyola Univ - New Orleans	2,424	118	0	0	18	0	100	0	2,306
LA St Univ System Office	1,407	1,392	399	0	0	0	993	0	15
LA State Univ System	115,803	78,928	68,379	0	0	670	1,416	8,463	36,875
McNeese State University	5,087	115	61	0	13	41	0	0	4,972
Nicholls State University	4,441	17	0	0	16	1	0	0	4,424
Northeast Louisiana Univ	9,058	597	596	0	0	1	0	0	8,461
Northwest State Univer	6,668	50	35	0	14	1	0	0	6,618
Notre Dame Sem Grad Sc Th	21	0	0	0	0	0	0	0	21
Our Lady Holy Cross Col	785	0	0	0	0	0	0	0	785
Southeastern LA Univ	7,114	255	56	0	0	0	0	199	6,859
Southern Technical Coll	1,418	0	0	0	0	0	0	0	1,418
Southern U & A&M College	29,786	6,132	2,599	0	53	422	589	2,469	23,654
St Joseph Seminary	74	0	0	0	0	0	0	0	74
Tulane University	33,233	25,032	24,276	0	0	278	207	271	8,201
Univ of Southwestern LA	14,178	2,283	2,093	0	0	2	67	121	11,895
Xavier University of LA	10,722	3,037	1,821	0	0	707	509	0	7,685
Maine, total	47,358	14,106	9,740	0	167	110	72	4,017	33,252
Andover College	365	0	0	0	0	0	0	0	365
Bangor Theol Seminary	139	0	0	0	0	0	0	0	139
Bates College	1,184	280	280	0	0	0	0	0	904
Beal College	480	0	0	0	0	0	0	0	480
Bowdoin College	1,363	321	288	0	32	1	0	0	1,042
Casco Bay College	288	0	0	0	0	0	0	0	288
Centrl Maine Vo Tech Inst	32	0	0	0	0	0	0	0	32
Colby College	1,335	229	183	0	45	1	0	0	1,106
College of the Atlantic	419	66	4	0	0	0	62	0	353
Husson College	1,414	0	0	0	0	0	0	0	1,414
Maine Maritime Academy	964	69	0	0	68	1	0	0	895
Portland School of Art	328	0	0	0	0	0	0	0	328
St Joseph's College	340	11	0	0	11	0	0	0	329
Thomas College	572	0	0	0	0	0	0	0	572
Unity College	605	0	0	0	0	0	0	0	605
Univ of Maine Augusta	1,971	63	63	0	0	0	0	0	1,908
Univ of Maine Orono	19,389	10,276	6,859	0	0	107	10	3,300	9,113
Univ of Maine System Off	1,427	1,336	1,185	0	0	0	0	151	91
Univ of Maine, Farmington	2,223	57	0	0	0	0	0	57	2,166
Univ of Maine, Fort Kent	772	0	0	0	0	0	0	0	772

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Maine, cont'd:									
Univ of Maine, Machias	1,116	131	0	0	0	0	0	131	985
Univ Maine, Presque Isle	2,380	38	38	0	0	0	0	0	2,342
University of New England	1,555	104	64	0	0	0	0	40	1,451
University of Sthrn Maine	6,316	1,125	776	0	11	0	0	338	5,191
Westbrook College	381	0	0	0	0	0	0	0	381
Maryland, total	870,830	806,276	622,221	742	385	17,939	5,455	159,534	64,554
Allegany Community Col	89	89	89	0	0	0	0	0	0
Anne Arundel Cmty College	1,329	104	0	0	0	0	104	0	1,225
Balt Intl Culinary Arts I	400	0	0	0	0	0	0	0	400
Bowie State University	3,596	370	175	0	0	80	50	65	3,226
Catonsville Cmty College	37	1	0	0	0	1	0	0	36
Cecil Community College	275	0	0	0	0	0	0	0	275
Charles County Cmty Col	10	10	10	0	0	0	0	0	0
Col of Notre Dame of MD	497	116	116	0	0	0	0	0	381
Columbia Union College	620	115	115	0	0	0	0	0	505
Coppin State College	4,653	145	25	0	0	4	54	62	4,508
Eastern Christian College	18	0	0	0	0	0	0	0	18
Essex Community College	80	0	0	0	0	0	0	0	80
Frostburg State Univ	2,396	44	0	0	44	0	0	0	2,352
Goucher College	681	81	0	0	22	0	59	0	600
Hagerstown Business Coll	315	0	0	0	0	0	0	0	315
Harford Community College	85	0	0	0	0	0	0	0	85
Hood College	598	0	0	0	0	0	0	0	598
Johns Hopkins University	657,225	649,007	490,893	106	0	14,739	2,644	140,625	8,218
Loyola College	4,788	4,185	522	0	46	3	0	3,614	603
Montgomery College	4,123	0	0	0	0	0	0	0	4,123
Morgan State University	7,333	1,179	603	0	113	268	0	195	6,154
Mount St Mary's Col (MD)	339	0	0	0	0	0	0	0	339
Ner Israel Rabbinical Col	140	0	0	0	0	0	0	0	140
Peabody Inst-J Hopkins U	3	0	0	0	0	0	0	0	3
Prince Georges Cmty Col	2,134	48	48	0	0	0	0	0	2,086
Salisbury State College	1,554	98	98	0	0	0	0	0	1,456
Sojourner-Douglas College	722	0	0	0	0	0	0	0	722
St John's College (MD)	752	16	0	0	16	0	0	0	736
St Mary's College of MD	429	183	165	0	17	1	0	0	246
St Mary's Sem & Univ	29	0	0	0	0	0	0	0	29
Towson State University	3,261	391	340	0	51	0	0	0	2,870
U of MD Baltimore County	8,495	5,355	5,101	0	0	0	98	156	3,140
U of MD Center for EES	1,511	1,511	1,511	0	0	0	0	0	0
U of MD Eastern Shore	7,056	3,361	1,560	0	0	347	50	1,404	3,695
U of MD University Coll	2,642	331	152	0	0	14	149	16	2,311
Univ of Maryland Sys Off	492	492	392	0	0	0	0	100	0
Univ of MD Balt Prof Sch	54,357	51,061	48,125	82	0	1,205	962	687	3,296
Univ of MD College Park	95,043	87,724	72,115	554	76	1,259	1,236	12,484	7,319
University of Baltimore	1,093	65	0	0	0	16	49	0	1,028
Villa Julie College	472	1	0	0	0	1	0	0	471
Wash Bible College	126	0	0	0	0	0	0	0	126
Washington College	285	34	34	0	0	0	0	0	251
Western Maryland College	747	159	32	0	0	1	0	126	588
Massachusetts, total	926,556	770,402	698,515	12,720	526	37,269	8,124	13,248	156,154
American Internatl Col	953	0	0	0	0	0	0	0	953
Amherst College	1,685	677	618	0	0	4	10	45	1,008
Anna Maria College	347	80	0	0	0	0	0	80	267
Assumption College	991	442	0	0	10	0	0	432	549
Atlantic Union College	905	0	0	0	0	0	0	0	905
Babson College	594	71	42	0	0	0	0	29	523
Bay Path College	348	0	0	0	0	0	0	0	348
Becker Jr Col-System Off	671	0	0	0	0	0	0	0	671
Bentley College	1,985	277	57	0	0	0	0	220	1,708
Berkshire Community Col	880	88	0	0	0	0	0	88	792
Boston Architectural Ctr	50	0	0	0	0	0	0	0	50
Boston College	22,052	17,236	16,698	0	0	285	70	183	4,816
Boston Conserv of Music	235	0	0	0	0	0	0	0	235
Boston University	86,658	73,893	67,153	502	64	4,267	926	881	12,765
Bradford College	233	0	0	0	0	0	0	0	233
Brandeis University	25,251	21,526	19,672	0	18	1,470	167	199	3,725
Bridgewater State College	2,983	629	536	0	0	0	0	93	2,354

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Massachusetts, cont'd:									
Bristol Community College	2,306	55	0	0	0	0	55	0	2,251
Bunker Hill Community Col	3,019	0	0	0	0	0	0	0	3,019
Cambridge College	5	0	0	0	0	0	0	0	5
Cape Cod Community Col	1,651	0	0	0	0	0	0	0	1,651
Clark University	3,430	1,857	1,812	0	45	0	0	0	1,573
Col of the Holy Cross	2,265	102	51	0	51	0	0	0	2,163
Col of Our Lady of Elms	453	0	0	0	0	0	0	0	453
Curry College	448	0	0	0	0	0	0	0	448
Dean Junior College	508	0	0	0	0	0	0	0	508
Eastern Nazarene College	516	0	0	0	0	0	0	0	516
Emerson College	1,579	531	149	0	0	0	0	382	1,048
Emmanuel College	549	0	0	0	0	0	0	0	549
Endicott College	538	81	81	0	0	0	0	0	457
Fisher Junior College	1,643	0	0	0	0	0	0	0	1,643
Fitchburg State College	1,305	0	0	0	0	0	0	0	1,305
Forsyth Sch Dent Hygnsts	67	0	0	0	0	0	0	0	67
Framingham State College	837	0	0	0	0	0	0	0	837
Franklin Inst of Boston	220	21	0	0	21	0	0	0	199
Gordon College	835	0	0	0	0	0	0	0	835
Gordon-Conwell Theol Sem	129	0	0	0	0	0	0	0	129
Greenfield Community Col	1,417	126	0	0	0	0	0	126	1,291
Hampshire College	1,225	418	292	0	39	0	0	87	807
Harvard University	193,006	181,438	161,719	178	0	17,692	1,625	224	11,568
Hellenic Col Holy Cross	117	88	88	0	0	0	0	0	29
Holyoke Community College	2,270	46	0	0	0	0	46	0	2,224
Lasell Junior College	335	7	0	0	7	0	0	0	328
Lesley College	1,459	832	832	0	0	0	0	0	627
Marian Court Junior Coll	80	0	0	0	0	0	0	0	80
Mass Bay Community Col	935	61	0	0	0	0	61	0	874
Mass Col Phar/Allied Hlth	665	0	0	0	0	0	0	0	665
Mass College of Art	551	0	0	0	0	0	0	0	551
Mass Inst of Technology	263,306	256,463	232,619	9,810	-140	10,255	1,536	2,383	6,843
Mass Maritime Academy	292	0	0	0	0	0	0	0	292
Mass State Col Sys Off	442	442	442	0	0	0	0	0	0
Massasoit Community Col	2,884	0	0	0	0	0	0	0	2,884
Merrimack College	931	141	8	0	45	0	0	88	790
Middlesex Cmty Col (Mass)	14	0	0	0	0	0	0	0	14
Montserrat College of Art	122	0	0	0	0	0	0	0	122
Mount Holyoke College	2,358	1,108	895	0	0	1	84	128	1,250
Mount Ida Junior College	862	0	0	0	0	0	0	0	862
Mount Wachusett Cmty Col	2,345	1	1	0	0	0	0	0	2,344
N E Col of Optometry	481	136	112	0	0	24	0	0	345
New England School of Law	141	0	0	0	0	0	0	0	141
Newbury College	1,459	0	0	0	0	0	0	0	1,459
Nichols College	244	0	0	0	0	0	0	0	244
North Adams State College	1,118	39	0	0	0	0	0	39	1,079
North Shore Cmty College	2,956	103	0	0	0	0	0	103	2,853
Northeastern University	25,071	13,382	12,154	240	51	177	318	442	11,689
Pine Manor College	157	0	0	0	0	0	0	0	157
Quinsigamond Cmty College	1,719	0	0	0	0	0	0	0	1,719
Radcliffe College	2,220	712	712	0	0	0	0	0	1,508
Regis College	524	0	0	0	0	0	0	0	524
Roxbury Community College	1,712	0	0	0	0	0	0	0	1,712
Salem State College	3,017	25	25	0	0	0	0	0	2,992
Sch-Museum Fine Arts-Bost	365	0	0	0	0	0	0	0	365
Simmons College	2,741	933	793	0	0	0	60	80	1,808
Simon's Rock	25	25	25	0	0	0	0	0	0
Smith College	2,252	445	267	0	19	64	0	95	1,807
Springfield College	1,251	92	0	0	0	0	0	92	1,159
Springfield Tech Cmty Col	184	48	0	0	48	0	0	0	136
St John's Seminary	37	0	0	0	0	0	0	0	37
Stonehill College	675	0	0	0	0	0	0	0	675
Suffolk University	2,002	197	0	0	0	129	68	0	1,805
Tufts University	47,904	43,783	41,571	209	0	1,183	744	76	4,121
Univ of Mass	99,756	84,804	76,630	0	69	1,512	1,574	5,019	14,952
Univ of Mass Dartmouth	3,757	1,070	901	0	0	0	169	0	2,687
Univ of Mass Lowell	9,338	4,620	4,173	0	0	1	70	376	4,718
Univ of Mass System Off	891	891	836	0	0	0	0	55	0
Wellesley College	2,649	1,286	1,235	0	24	4	10	13	1,363

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Massachusetts, cont'd:									
Wentworth Inst of Tech	1,017	1,017	1,017	0	0	0	0	0	0
Western New England Col	1,268	56	56	0	0	0	0	0	1,212
Westfield State College	1,416	0	0	0	0	0	0	0	1,416
Wheaton College	614	0	0	0	0	0	0	0	614
Wheelock College	668	100	0	0	0	0	0	100	568
Williams College	2,229	1,200	1,161	0	37	2	0	0	1,029
Woods Hole Ocngrphic Inst	54,118	54,118	50,891	1,681	0	131	526	889	0
Worcester Poly Institute	4,487	2,583	2,191	0	118	68	5	201	1,904
Worcester State College	1,353	0	0	0	0	0	0	0	1,353
Michigan, total	554,145	359,383	313,736	4,618	793	16,754	4,878	18,604	194,762
Adrian College	1,134	0	0	0	0	0	0	0	1,134
Albion College	688	14	14	0	0	0	0	0	674
Alma College	876	87	39	0	47	1	0	0	789
Andrews University	1,590	164	92	0	39	0	0	33	1,426
Aquinas College	1,254	0	0	0	0	0	0	0	1,254
Baker College of Flint	7,781	0	0	0	0	0	0	0	7,781
Bay Mills Community Ccllc	561	0	0	0	0	0	0	0	561
Calvin College	2,309	243	237	0	6	0	0	0	2,066
Calvin Theol Seminary	2	0	0	0	0	0	0	0	2
Central Michigan Univ	7,263	176	38	0	53	10	0	75	7,087
Charles Stewart Mott C C	6,069	0	0	0	0	0	0	0	6,069
Cleary College	725	0	0	0	0	0	0	0	725
Concordia College	596	0	0	0	0	0	0	0	596
Davenport College	6,568	0	0	0	0	0	0	0	6,568
Delta College	5,065	10	0	0	0	0	10	0	5,055
Detroit Col of Bus Admin	3,700	0	0	0	0	0	0	0	3,700
Eastern Michigan Univ	9,414	950	638	0	74	0	5	233	8,464
Ferris State College	7,758	151	0	0	72	0	0	79	7,607
Grace Bible College	117	0	0	0	0	0	0	0	117
Grand Rapids Bapt Col&Sem	626	0	0	0	0	0	0	0	626
Grand Valley State Univ	7,090	297	297	0	0	0	0	0	6,793
Great Lakes Bible College	183	0	0	0	0	0	0	0	183
Great Lakes JC of Busines	2,519	0	0	0	0	0	0	0	2,519
GMI Engr/Management Inst	106	106	106	0	0	0	0	0	0
Hillsdale College	1	0	0	0	0	0	0	0	1
Hope College	2,136	690	591	0	99	0	0	0	1,446
Jordan College	4,187	0	0	0	0	0	0	0	4,187
Kalamazoo College	1,166	175	175	0	0	0	0	0	991
Lansing Community College	7,341	0	0	0	0	0	0	0	7,341
Lawrence Technical Univ	58	58	58	0	0	0	0	0	0
Madonna College	1,723	187	155	0	0	0	32	0	1,536
Marygrove College	2,497	75	0	0	0	75	0	0	2,422
Mercy College of Detroit	1,493	15	0	0	0	0	0	15	1,478
Michigan Christian Col	286	0	0	0	0	0	0	0	286
Michigan State University	97,135	78,877	62,793	390	32	2,144	585	12,933	18,258
Michigan Tech University	10,133	6,482	5,708	0	97	522	55	100	3,651
Northern Michigan Univ	6,393	2	2	0	0	0	0	0	6,391
Northwood Institute	2,424	0	0	0	0	0	0	0	2,424
Oakland Community College	4,047	48	48	0	0	0	0	0	3,999
Oakland University	2,854	2,702	2,598	0	59	0	45	0	152
Olivet College	836	0	0	0	0	0	0	0	836
Reformed Bible College	90	0	0	0	0	0	0	0	90
Sacred Heart Seminary Col	10	0	0	0	0	0	0	0	10
Saginaw Valley State Col	13,337	10,134	10,100	0	34	0	0	0	3,203
Schoolcraft College	78	0	0	0	0	0	0	0	78
Siena Heights College	1,086	0	0	0	0	0	0	0	1,086
Southwestern Michigan Col	1,576	0	0	0	0	0	0	0	1,576
Spring Arbor College	1,268	0	0	0	0	0	0	0	1,268
Suomi College	1,866	0	0	0	0	0	0	0	1,866
Thomas M Cooley Law Sch	186	0	0	0	0	0	0	0	186
University of Detroit	4,421	657	203	0	0	0	0	454	3,764
University of Michigan	238,443	218,199	193,954	4,228	123	13,075	2,593	4,226	20,244
Walsh Col Acctg&Bus Admin	299	0	0	0	0	0	0	0	299
Wayne County Cmty College	8,732	55	0	0	0	0	55	0	8,677
Wayne State University	52,047	35,948	33,280	0	58	927	1,497	186	16,099
Western Michigan Univ	11,974	2,881	2,610	0	0	0	1	270	9,093
Yeshiva Gedolah of G Det	28	0	0	0	0	0	0	0	28

See explanatory information, if any, and SOURCE at end of table.

187

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Minnesota, total	304,244	203,423	173,099	20	637	7,312	2,394	19,961	100,821
Anoka-Ramsey Cmty College	1,985	0	0	0	0	0	0	0	1,985
Arrowhead CC-Hibbing Cam	3,436	600	0	0	0	0	0	600	2,836
Augsburg College	2,428	282	184	0	15	0	83	0	2,146
Austin Cmty Col (Minn)	937	0	0	0	0	0	0	0	937
Bemidji State University	4,727	16	0	0	16	0	0	0	4,711
Bethany Lutheran College	257	0	0	0	0	0	0	0	257
Bethel College & Seminary	1,250	7	6	0	0	1	0	0	1,243
Brainerd Community Col	1,122	0	0	0	0	0	0	0	1,122
Brown Institute	100	0	0	0	0	0	0	0	100
Carleton College	2,073	657	521	0	11	4	0	121	1,416
College of St Benedict	1,800	62	0	0	0	0	0	62	1,738
College of St Catherine	2,294	0	0	0	0	0	0	0	2,294
College of St Scholastica	139	74	0	0	74	0	0	0	65
College Associated Arts	110	0	0	0	0	0	0	0	110
Concordia Col Moorhead	2,109	0	0	0	0	0	0	0	2,109
Concordia Col St Paul	1,042	1	0	0	0	1	0	0	1,041
Dr Martin Luther College	277	0	0	0	0	0	0	0	277
Fergus Falls Cmty College	857	0	0	0	0	0	0	0	857
Gustavus Adolphus College	1,446	85	27	0	58	0	0	0	1,361
Hamline University	1,886	121	0	0	6	16	99	0	1,765
Inver Hills Cmty College	1,649	0	0	0	0	0	0	0	1,649
Itasca Community College	984	0	0	0	0	0	0	0	984
Lakewood Community Col	1,989	0	0	0	0	0	0	0	1,989
Luther Northwest Theo Sem	144	0	0	0	0	0	0	0	144
Macalester College	1,920	862	424	0	87	1	0	350	1,058
Mankato State University	8,886	777	709	0	55	13	0	0	8,109
Medical Institute of Minn	637	0	0	0	0	0	0	0	637
Mesabi Community College	921	0	0	0	0	0	0	0	921
Metro State Univ	696	0	0	0	0	0	0	0	696
Minneapolis Community Col	3,560	0	0	0	0	0	0	0	3,560
Minnesota Bible College	90	0	0	0	0	0	0	0	90
Moorhead State University	5,970	123	25	0	0	0	0	98	5,847
Normandale Community Col	2,339	73	0	0	0	0	73	0	2,266
North Central Bible Col	922	0	0	0	0	0	0	0	922
North Hennepin Cmty Col	1,637	0	0	0	0	0	0	0	1,637
Northland Cmty College	583	0	0	0	0	0	0	0	583
Northwest Technical Inst	62	0	0	0	0	0	0	0	62
Northwestern Col (Minn)	354	0	0	0	0	0	0	0	354
Pillsbury Bptst Bible C	297	0	0	0	0	0	0	0	297
Rainy River Community Col	374	1	0	0	0	1	0	0	373
Rochester Community Col	2,363	40	0	0	0	0	0	40	2,323
Southwest State Univ	2,510	69	69	0	0	0	0	0	2,441
St Cloud Business College	309	0	0	0	0	0	0	0	309
St Cloud State University	9,381	550	286	0	0	42	147	75	8,831
St John's University	1,453	111	92	0	19	0	0	0	1,342
St Mary's College	875	18	0	0	18	0	0	0	857
St Olaf College	2,622	758	550	0	76	2	130	0	1,864
St U Sys of Minn-Sys Off	1,058	1,058	1,058	0	0	0	0	0	0
Univ of Saint Thomas	2,423	262	157	0	49	0	56	0	2,161
University of Minnesota	210,856	196,571	168,962	20	70	7,172	1,806	18,541	14,285
Vermilion Community Col	530	0	0	0	0	0	0	0	530
Willmar Community College	1,146	0	0	0	0	0	0	0	1,146
Winona State University	3,535	186	29	0	83	0	0	74	3,349
Wm Mitchell Col of Law	289	59	0	0	0	59	0	0	230
Worthington Community Col	605	0	0	0	0	0	0	0	605

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Mississippi, total	157,691	62,751	42,970	0	37	3,137	1,565	15,042	94,940
Alcorn State University	10,474	4,035	1,819	0	0	455	117	1,644	6,439
Belhaven College	676	0	0	0	0	0	0	0	676
Blue Mountain College	352	0	0	0	0	0	0	0	352
Clarke College	123	0	0	0	0	0	0	0	123
Coahoma Community College	3,809	0	0	0	0	0	0	0	3,809
Copiah-Lincoln Jr Col	1,727	0	0	0	0	0	0	0	1,727
Delta State University	3,309	76	53	0	23	0	0	0	3,233
East Mississippi Comm Col	858	0	0	0	0	0	0	0	858
Hinds Junior College	6,843	55	0	0	0	0	55	0	6,788
Holmes Junior College	14	14	0	0	14	0	0	0	0
Jackson State University	17,833	4,349	3,184	0	0	842	265	58	13,484
Magnolia Bible College	63	0	0	0	0	0	0	0	63
Mary Holmes College	1,998	0	0	0	0	0	0	0	1,998
Millsaps College	654	36	0	0	0	1	35	0	618
Miss Gif Cst JC Perkinstn	56	0	0	0	0	0	0	0	56
Miss University for Women	1,853	38	0	0	0	1	0	37	1,815
Miss Valley State Univ	6,793	637	0	0	0	637	0	0	6,156
Miss-Ala Sea Grant Cnsrtm	1,715	1,715	915	0	0	84	364	352	0
Mississippi College	1,862	0	0	0	0	0	0	0	1,862
Mississippi State Univ	39,749	31,762	21,115	0	0	44	102	10,501	7,987
Northeast Miss Junior Col	2,196	0	0	0	0	0	0	0	2,196
Phillips Col of Jackson	971	0	0	0	0	0	0	0	971
Phillips College	873	0	0	0	0	0	0	0	873
Rust College	3,822	140	50	0	0	0	90	0	3,682
San Joaquin Col of Law	23	0	0	0	0	0	0	0	23
Southeastern Baptist Col	75	0	0	0	0	0	0	0	75
Tougaloo College	3,905	542	0	0	0	324	218	0	3,363
Univ of Sthrn Mississippi	16,484	5,121	3,283	0	0	444	83	1,311	11,363
University of Mississippi	26,200	14,231	12,551	0	0	305	236	1,139	11,969
Wesley College	99	0	0	0	0	0	0	0	99
William Carey College	1,683	0	0	0	0	0	0	0	1,683
Wood Junior College	599	0	0	0	0	0	0	0	599
Missouri, total	323,817	215,475	181,893	813	312	13,991	1,989	16,477	108,342
Assemblies of God Grad Sc	47	0	0	0	0	0	0	0	47
Avila College	832	62	62	0	0	0	0	0	770
Baptist Bible College	944	0	0	0	0	0	0	0	944
Calvary Bible Col	148	0	0	0	0	0	0	0	148
Central Bible College	1,117	0	0	0	0	0	0	0	1,117
Central Methodist College	886	0	0	0	0	0	0	0	886
Central Missouri St Univ	5,755	59	25	0	34	0	0	0	5,696
Cleveland Chiro College	79	0	0	0	0	0	0	0	79
Cntrl Christian Col Bible	69	0	0	0	0	0	0	0	69
College of The Ozarks	2,073	0	0	0	0	0	0	0	2,073
Columbia College (MO)	1,645	0	0	0	0	0	0	0	1,645
Conception Sem College	83	0	0	0	0	0	0	0	83
Concordia Seminary	86	0	0	0	0	0	0	0	86
Cottey College	185	0	0	0	0	0	0	0	185
Culver-Stockton College	689	0	0	0	0	0	0	0	689
Drury College	10	10	10	0	0	0	0	0	0
Eden Theological Seminary	7	0	0	0	0	0	0	0	7
Evangel College	1,353	0	0	0	0	0	0	0	1,353
Fontbonne College	448	0	0	0	0	0	0	0	448
Harris Stowe State Col	2,462	260	2	0	0	0	258	0	2,202
ITT Tech Inst - St Louis	207	0	0	0	0	0	0	0	207
Jefferson College	4	0	0	0	0	0	0	0	4
Kansas City Art Inst	529	0	0	0	0	0	0	0	529
Kemper Military Sch & Col	326	0	0	0	0	0	0	0	326
Kirksville Col Osteo Med	2,171	437	350	0	0	0	5	82	1,734
Lincoln University (MO)	7,331	4,063	1,909	0	0	108	75	1,971	3,268
Longview Community Col	1,607	0	0	0	0	0	0	0	1,607
Maple Woods Community Col	1,258	0	0	0	0	0	0	0	1,258
Maryville College	736	111	0	0	0	0	0	111	625
Missouri Baptist College	420	0	0	0	0	0	0	0	420
Missouri Southern St Col	3,846	0	0	0	0	0	0	0	3,846
Missouri Valley College	1,115	0	0	0	0	0	0	0	1,115
Missouri Western St Col	3,630	103	0	0	0	0	0	103	3,527
Northeast Missouri St U	2,350	137	68	0	0	1	68	0	2,213

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Missouri, cont'd:									
Northwest Missouri St U	3,634	0	0	0	0	0	0	0	3,634
Ozark Bible College	457	0	0	0	0	0	0	0	457
Penn Valley Community C	2,951	114	0	0	13	0	0	101	2,837
Phillips Jr C-Springfield	1,101	0	0	0	0	0	0	0	1,101
Research Col of Nursing	75	0	0	0	0	0	0	0	75
Rockhurst College	960	23	0	0	23	0	0	0	937
Southeast Missouri St U	5,290	25	3	0	21	1	0	0	5,265
Southwest Baptist College	2,298	0	0	0	0	0	0	0	2,298
Southwest Missouri St U	11,037	676	411	0	0	32	0	233	10,361
St Louis Christian Coll	112	0	0	0	0	0	0	0	112
St Louis Col of Pharmacy	277	35	0	0	0	0	0	35	242
St Louis Community Col	7,358	54	0	0	0	0	54	0	7,304
St Louis Rabbinical C	10	0	0	0	0	0	0	0	10
St Louis University	20,173	16,473	15,068	0	150	833	296	126	3,700
Stephens College	409	24	0	0	24	0	0	0	385
Tarkio College	191	0	0	0	0	0	0	0	191
The Lindenwood Colleges	936	0	0	0	0	0	0	0	936
Univ of Health Sciences	543	0	0	0	0	0	0	0	543
Univ of Missouri Columbia	50,584	40,219	26,537	236	0	1,039	335	12,072	10,365
Univ of Missouri Kan City	8,579	5,002	4,206	0	0	60	253	483	3,577
Univ of Missouri Rolla	6,993	4,935	4,602	0	0	200	0	133	2,058
Univ of Missouri St Louis	5,344	2,863	2,690	0	47	23	0	103	2,481
Univ of Missouri Sys Off	3,063	1,023	657	0	0	13	3	350	2,040
Washington University	144,569	138,696	125,282	577	0	11,681	642	514	5,873
Wentworth Military Acad	510	0	0	0	0	0	0	0	510
Westminster College	362	0	0	0	0	0	0	0	362
William Jewell College	1,064	0	0	0	0	0	0	0	1,064
William Woods College	489	71	11	0	0	0	0	60	418
Montana, total	52,384	23,684	16,216	1,381	64	478	743	4,802	28,700
Blackfeet Community Col	1,425	315	315	0	0	0	0	0	1,110
Carroll College	976	0	0	0	0	0	0	0	976
College of Great Falls	1,499	0	0	0	0	0	0	0	1,499
Dull Knife Memorial Col	838	165	165	0	0	0	0	0	673
Eastern Montana College	3,675	383	12	0	0	8	0	363	3,292
Fort Belknap College	1,177	164	0	0	0	0	18	146	1,013
Fort Peck Cmty College	1,202	0	0	0	0	0	0	0	1,202
Little Big Horn College	1,198	195	146	0	0	0	49	0	1,003
Miles Community College	936	0	0	0	0	0	0	0	936
Mont Col Mnrl Sci & Tech	453	415	415	0	0	0	0	0	38
Montana State University	25,931	17,294	11,518	1,213	54	390	434	3,685	8,637
Montana U Sys-System Off	340	0	0	0	0	0	0	0	340
Northern Montana College	2,111	0	0	0	0	0	0	0	2,111
Rocky Mountain College	909	0	0	0	0	0	0	0	909
Salish Kootenai Cmty Col	3,200	538	194	0	0	0	0	344	2,662
Stone Child College	204	0	0	0	0	0	0	0	204
University of Montana	5,223	4,080	3,451	168	10	80	242	129	1,143
Western Montana College	1,087	135	0	0	0	0	0	135	952
Nebraska, total	100,068	57,590	42,824	4,365	189	573	954	8,585	42,478
Bellevue College	613	0	0	0	0	0	0	0	613
Chadron State College	2,398	0	0	0	0	0	0	0	2,398
College of St Mary	832	2	2	0	0	0	0	0	830
Concordia Teachers Col	806	0	0	0	0	0	0	0	806
Creighton University	9,178	3,549	3,329	0	0	184	36	0	5,629
Dana College	474	0	0	0	0	0	0	0	474
Doane College	810	0	0	0	0	0	0	0	810
Grace Col of the Bible	176	0	0	0	0	0	0	0	176
Hastings College	708	0	0	0	0	0	0	0	708
Midland Lutheran College	990	0	0	0	0	0	0	0	990
Nebraska Christian Col	147	0	0	0	0	0	0	0	147

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Nebraska, cont'd:									
Nebraska Indian Cmty Col	609	0	0	0	0	0	0	0	609
Nebraska Wesleyan Univ	1,072	150	150	0	0	0	0	0	922
Peru State College	1,498	31	31	0	0	0	0	0	1,467
Southeast Neb Tech CC	9	0	0	0	0	0	0	0	9
U of Neb Med Ctr at Omaha	12,835	10,748	9,814	0	0	42	147	745	2,087
U Neb Ctrl Admin Sys Off	403	403	303	0	0	0	0	100	0
Union College (Neb)	647	0	0	0	0	0	0	0	647
Univ of Nebraska at Kearney	4,816	380	380	0	0	0	0	0	4,436
Univ of Nebraska at Omaha	6,229	786	583	0	43	25	0	135	5,443
Univ of Nebraska-Lincoln	52,307	41,541	28,232	4,365	146	422	771	7,605	10,766
Wayne State College	2,144	0	0	0	0	0	0	0	2,144
York College	367	0	0	0	0	0	0	0	367
Nevada, total	33,046	21,823	18,611	0	97	424	425	2,266	11,223
Cmty Col of Southern Nevada	1,057	0	0	0	0	0	0	0	1,057
Desert Research Institute	2,517	2,517	2,370	0	0	0	147	0	0
Northern Nevada Cmty Col	344	0	0	0	0	0	0	0	344
Sierra Nevada College	177	0	0	0	0	0	0	0	177
Truckee Meadows Cmty Col	1,652	0	0	0	0	0	0	0	1,652
U of Nev Sys Adm Sys Off	1,859	1,744	1,590	0	0	0	104	50	115
Univ of Nevada - Reno	17,027	13,271	10,667	0	62	229	174	2,139	3,756
Univ of Nevada Las Vegas	7,725	4,291	3,984	0	35	195	0	77	3,434
Western Nevada Cmty Col	688	0	0	0	0	0	0	0	688
New Hampshire, total	82,366	62,151	55,501	0	276	2,103	1,148	3,123	20,215
Castle Junior College	295	0	0	0	0	0	0	0	295
Colby-Sawyer College	233	0	0	0	0	0	0	0	233
Daniel Webster College	147	147	0	0	147	0	0	0	0
Dartmouth College	42,940	38,103	36,042	0	29	1,423	495	114	4,837
Franklin Pierce College	839	0	0	0	0	0	0	0	839
Hesser College	1,162	0	0	0	0	0	0	0	1,162
Keene State College	1,685	145	6	0	0	0	63	76	1,540
McIntosh College	400	0	0	0	0	0	0	0	400
New England College	1,168	0	0	0	0	0	0	0	1,168
New Hampshire College	1,097	0	0	0	0	0	0	0	1,097
Notre Dame College (NH)	232	0	0	0	0	0	0	0	232
NH Tech Col-Claremont	359	0	0	0	0	0	0	0	359
NH Tech Col-Laconia	220	0	0	0	0	0	0	0	220
NH Tech Col-Stratham	227	0	0	0	0	0	0	0	227
Plymouth St Col-Univ N H	1,997	1	0	0	0	1	0	0	1,996
Rivier College	263	0	0	0	0	0	0	0	263
St Anselm College	943	16	16	0	0	0	0	0	927
Univ of New Hampshire	27,831	23,463	19,161	0	100	679	590	2,933	4,368
Univ Sys of N Hamp Sys Of	276	276	276	0	0	0	0	0	0
White Pines College	52	0	0	0	0	0	0	0	52
New Jersey, total	262,624	174,224	150,569	2,756	198	8,063	2,451	10,184	88,400
Berkeley School, The	535	0	0	0	0	0	0	0	535
Bloomfield College	1,597	0	0	0	0	0	0	0	1,597
Brookdale Community Col	1,524	0	0	0	0	0	0	0	1,524
Burlington County College	793	0	0	0	0	0	0	0	793
Caldwell College	296	0	0	0	0	0	0	0	296
Camden County College	2,331	0	0	0	0	0	0	0	2,331
Centenary College	286	0	0	0	0	0	0	0	286
College of St Elizabeth	405	92	0	0	0	0	0	92	313
County College of Morris	29	29	0	0	29	0	0	0	0
Cumberland County College	1,190	0	0	0	0	0	0	0	1,190
Drew University	962	174	136	0	38	0	0	0	788
Fairleigh Dickinson Univ	3,342	64	0	0	0	64	0	0	3,278
Felician College (NJ)	235	0	0	0	0	0	0	0	235
Georgian Court College	753	0	0	0	0	0	0	0	753
Glassboro State College	3,356	0	0	0	0	0	0	0	3,356
Gloucester County College	952	0	0	0	0	0	0	0	952
Jersey City State College	3,294	0	0	0	0	0	0	0	3,294

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
New Jersey, cont'd:									
Katharine Gibbs Sch (NJ)	476	0	0	0	0	0	0	0	476
Kean Col of New Jersey	3,348	235	10	0	0	40	0	185	3,113
Mercer County Cmty Col	2,885	0	0	0	0	0	0	0	2,885
Middlesex County College	25	25	25	0	0	0	0	0	0
Monmouth College (NJ)	1,009	14	3	0	0	0	0	11	995
Montclair State College	3,659	0	0	0	0	0	0	0	3,659
N J Inst of Technology	6,080	3,604	3,150	0	37	41	0	376	2,476
Passaic County Cmty Col	2,641	11	0	0	11	0	0	0	2,630
Princeton Theol Sem	243	125	125	0	0	0	0	0	118
Princeton University	63,221	58,149	51,233	291	83	4,439	147	1,956	5,072
Rabbinical C of America	305	0	0	0	0	0	0	0	305
Rider College	1,829	63	63	0	0	0	0	0	1,766
Rutgers the St Univ of NJ	76,670	59,594	45,852	2,468	0	2,554	1,619	7,101	17,076
Salem Community College	639	0	0	0	0	0	0	0	639
Seton Hall University	4,663	820	318	0	0	188	91	223	3,843
St Peter's College	1,681	0	0	0	0	0	0	0	1,681
Stevens Institute of Tech	10,175	8,309	8,031	0	0	213	0	65	1,866
Stockton State College	1,757	0	0	0	0	0	0	0	1,757
Talmudical Inst Ctrl Jers	58	0	0	0	0	0	0	0	58
Thomas A Edison College	23	0	0	0	0	0	0	0	23
Trenton State College	1,686	91	18	0	0	1	0	72	1,595
Union Cnty Tech Institute	77	77	77	0	0	0	0	0	0
Union County College	2,779	0	0	0	0	0	0	0	2,779
Univ of Med & Dent of N J	51,871	42,685	41,465	0	0	523	594	103	9,186
Upsala College	1,009	20	20	0	0	0	0	0	989
William Paterson College	1,935	43	43	0	0	0	0	0	1,892
New Mexico, total	165,150	100,852	80,720	0	1,009	8,818	3,116	7,189	64,298
College of Santa Fe	1,487	287	0	0	0	0	85	202	1,200
Eastern New Mexico Univ	14,402	334	139	0	0	0	0	195	14,068
N Mex Inst Mining & Tech	5,946	4,956	4,836	0	24	48	0	48	990
New Mexico Highlands Univ	4,808	491	325	0	118	0	48	0	4,317
New Mexico Junior College	960	0	0	0	0	0	0	0	960
New Mexico Military Inst	299	0	0	0	0	0	0	0	299
New Mexico State Univ	73,129	56,752	42,903	0	355	7,539	800	5,155	16,377
Nrthrn N Mex Cmty Col	2,342	251	0	0	0	0	251	0	2,091
San Juan College	1,085	97	37	0	0	0	0	60	988
Santa Fe Community Col	665	223	5	0	0	0	218	0	442
University of New Mexico	58,019	37,341	32,446	0	512	1,231	1,714	1,438	20,678
Western New Mexico Univ	2,008	120	29	0	0	0	0	91	1,888
New York, total	1,428,796	1,051,287	917,093	17,468	2,350	39,787	15,760	58,829	377,509
Adelphi University	2,319	500	100	0	0	0	0	400	1,819
Albany Col of Pharmacy	384	0	0	0	0	0	0	0	384
Albany Medical College	8,964	7,457	6,689	80	0	579	109	0	1,507
Alfred University	1,696	523	349	0	36	45	0	93	1,173
Assoc Beth Rivkah Schools	584	0	0	0	0	0	0	0	584
Bais Fruma	4,415	0	0	0	0	0	0	0	4,415
Bais Medrash L'Torah	10	0	0	0	0	0	0	0	10
Bank Street Col of Ed	2,401	2,355	1,736	0	0	62	150	407	46
Bard College	792	116	0	0	40	0	76	0	676
Barnard College	2,038	892	675	0	64	23	5	125	1,146
Belzer Yesh-Machzikei Sem	3,021	0	0	0	0	0	0	0	3,021
Berkeley Sch-Hicksville	46	0	0	0	0	0	0	0	46
Berkeley School - N York	984	0	0	0	0	0	0	0	984
Beth Hatalmud Col	292	0	0	0	0	0	0	0	292
Beth Israel Sch Nursing	70	0	0	0	0	0	0	0	70
Beth Jacob Hebr Tchrs Col	6,617	0	0	0	0	0	0	0	6,617
Beth Medrash Emek Halach	27	0	0	0	0	0	0	0	27
Beth Medrash Eyren Hatal	2,248	0	0	0	0	0	0	0	2,248
Bnos Jerusalem Seminary	2,199	0	0	0	0	0	0	0	2,199
Boricua College	2,721	0	0	0	0	0	0	0	2,721
Bramson Ort Tech Inst	1,810	0	0	0	0	0	0	0	1,810
Brooklyn Law School	188	100	0	0	0	0	100	0	88

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
New York, cont'd:									
Bryant & Stratton-Albany	455	0	0	0	0	0	0	0	455
Bryant & Stratton-Buffalo	2,940	0	0	0	0	0	0	0	2,940
Bryant & Stratton-Roch	1,456	0	0	0	0	0	0	0	1,456
Bryant & Stratton-Syracus	1,529	0	0	0	0	0	0	0	1,529
Canisius College	3,940	1,134	319	0	0	0	0	815	2,806
Catholic Medical Center	32	0	0	0	0	0	0	0	32
Cayuga County Cmty Col	1,397	0	0	0	0	0	0	0	1,397
Cazenovia College	1,127	0	0	0	0	0	0	0	1,127
Clarkson University	7,830	5,662	5,497	0	40	67	0	58	2,168
Col of Insurance	65	0	0	0	0	0	0	0	65
Col of Mount St Vincent	703	98	0	0	0	0	0	98	605
Colgate University	1,770	762	711	0	51	0	0	0	1,008
College for Human Service	1,600	0	0	0	0	0	0	0	1,600
College of New Rochelle	6,469	429	394	0	0	0	0	35	6,040
College of St Rose	999	0	0	0	0	0	0	0	999
Columbia U Teachers Col	3,849	3,454	758	0	0	192	268	2,236	395
Columbia Univ Main Div	164,680	146,697	134,329	1,035	0	8,469	1,555	1,309	17,983
Columbia Univ Sys Off	39,333	39,290	35,282	2,899	31	0	113	965	43
Concordia College (NY)	201	0	0	0	0	0	0	0	201
Cooper Union	34	34	0	0	34	0	0	0	0
Cornell University	213,626	200,805	156,151	2,350	28	7,758	1,100	33,418	12,821
Culinary Inst of America	1,476	0	0	0	0	0	0	0	1,476
CUNY Bernard Baruch Col	107	50	40	0	0	0	0	10	57
CUNY Boro of Man Cmty Col	140	0	0	0	0	0	0	0	140
CUNY Bronx Cmty College	390	390	0	0	0	0	390	0	0
CUNY Brooklyn College	1,534	1,534	1,257	0	0	267	10	0	0
CUNY Central Sys Off	2,589	2,589	2,520	0	66	3	0	0	0
CUNY City College	12,579	12,276	10,806	0	62	260	1,148	0	303
CUNY Col Staten Island	489	489	434	0	0	0	55	0	0
CUNY Grad Sch & Univ Ctr	4,032	3,971	3,844	0	0	109	18	0	61
CUNY H.H. Lehman Coll	1,911	1,686	1,021	0	0	0	665	0	225
CUNY Hunter College	6,991	6,033	4,810	0	60	437	726	0	958
CUNY Jhn Jay Col Crim Jus	338	238	138	0	100	0	0	0	100
CUNY Kingsboro Cmty Col	3	0	0	0	0	0	0	0	3
CUNY Laguardia Cmty Col	162	48	0	0	0	48	0	0	114
CUNY Medgar Evers College	432	432	0	0	50	97	285	0	0
CUNY Mount Sinai Schl Med	54,588	51,345	50,037	0	0	1,095	213	0	3,243
CUNY NY City Tech Col	350	111	111	0	0	0	0	0	239
CUNY Queens College	2,302	2,302	2,044	0	222	0	36	0	0
CUNY Queensboro Cmty Col	55	55	0	0	55	0	0	0	0
CUNY York College	791	791	30	0	0	0	761	0	0
D'Youville College	1,278	117	0	0	0	16	0	101	1,161
Daemen College	1,521	0	0	0	0	0	0	0	1,521
Darkei No'am Rabbinical C	184	0	0	0	0	0	0	0	184
Derech Ayson Rabbin Sem	2,306	0	0	0	0	0	0	0	2,306
Dominican Col of Blauvelt	353	0	0	0	0	0	0	0	353
Dowling College	2,019	175	0	0	129	46	0	0	1,844
Elmira College	819	24	0	0	24	0	0	0	795
Five Towns College	507	0	0	0	0	0	0	0	507
Fordham University	5,630	1,743	1,383	0	0	108	69	183	3,887
Friends World College	19	0	0	0	0	0	0	0	19
Grad Schl of Poltcl Mngmt	15	15	0	0	0	0	15	0	0
Hamilton College	1,044	288	288	0	0	0	0	0	756
Hartwick College	963	140	138	0	0	2	0	0	823
Hilbert College	608	0	0	0	0	0	0	0	608
Hobart-Wm Smith Colleges	703	8	0	0	8	0	0	0	695
Hofstra University	4,241	587	284	0	15	108	0	180	3,654
Houghton College	949	0	0	0	0	0	0	0	949
Interboro Institute	2,397	0	0	0	0	0	0	0	2,397
Iona College	3,785	63	58	0	0	0	5	0	3,722
Ithaca College	2,605	832	380	0	20	0	57	375	1,773
Jamestown Bus College	385	0	0	0	0	0	0	0	385
Jesode Hatorah	2,499	0	0	0	0	0	0	0	2,499
Jewish Theol Sem of Amer	20	0	0	0	0	0	0	0	20
Juilliard School	514	0	0	0	0	0	0	0	514
Katherine Gibbs School	698	0	0	0	0	0	0	0	698
Kehilath Yakov Rab Sem	211	0	0	0	0	0	0	0	211
Keuka College	1,034	0	0	0	0	0	0	0	1,034
King's College (NY)	368	0	0	0	0	0	0	0	368
Kol Yaakov Torah Center	80	0	0	0	0	0	0	0	80

See explanatory information, if any, and SOURCE at end of table.

BEST COPY AVAILABLE

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
New York, cont'd:									
Lab Inst of Merchandising	104	0	0	0	0	0	0	0	104
Le Moyne College	1,155	0	0	0	0	0	0	0	1,155
Long Island University	11,107	1,157	283	0	13	140	86	635	9,950
LI Sem Jew Stud Women	338	0	0	0	0	0	0	0	338
Machzikei Hadath Rab Col	144	0	0	0	0	0	0	0	144
Manhattan College	2,186	694	528	0	86	0	0	80	1,492
Manhattanville College	635	66	0	0	0	0	66	0	569
Mannes Col of Music	105	0	0	0	0	0	0	0	105
Maria College of Albany	386	0	0	0	0	0	0	0	386
Marist College	3,205	0	0	0	0	0	0	0	3,205
Marymount College (NY)	860	79	0	0	0	0	79	0	781
Marymount Manhattan Col	815	0	0	0	0	0	0	0	815
Mater Dei College	800	0	0	0	0	0	0	0	800
Medaille College	1,402	0	0	0	0	0	0	0	1,402
Mercy College	4,275	140	0	0	0	0	39	101	4,135
Mes Tor Vodaath Rabin Sem	269	0	0	0	0	0	0	0	269
Mesivta Estn Pkwy Rab Sem	91	0	0	0	0	0	0	0	91
Mesivtha Tifereth Jeru Am	119	0	0	0	0	0	0	0	119
Mirrer Yeshiva Cent Inst	172	0	0	0	0	0	0	0	172
Molloy College	1,500	0	0	0	0	0	0	0	1,500
Mount St Mary College	820	0	0	0	0	0	0	0	820
N Y Col of Podiatric Med	498	45	45	0	0	0	0	0	453
Nazareth Col of Rochester	1,070	25	25	0	0	0	0	0	1,045
New Sch for Soc Research	2,318	415	306	0	0	104	5	0	1,903
New York Chiropractic Col	137	0	0	0	0	0	0	0	137
New York Inst Technology	4,596	53	53	0	0	0	0	0	4,543
New York Medical College	14,477	12,565	11,452	0	0	20	128	965	1,912
New York University	106,461	92,019	86,150	0	43	4,143	1,176	507	14,442
Niagara University	2,299	0	0	0	0	0	0	0	2,299
Nyack College	562	0	0	0	0	0	0	0	562
Ohr Hameir Theol Sem	54	0	0	0	0	0	0	0	54
Ohr Somayach Tanenbaum	20	0	0	0	0	0	0	0	20
Olean Business Institute	276	0	0	0	0	0	0	0	276
Pace University	4,993	432	242	0	0	0	190	0	4,561
Paul Smith's Col Arts Sci	12	12	0	0	12	0	0	0	0
Polytechnic University	5,908	3,859	3,826	0	0	1	0	32	2,049
Pratt Institute	2,341	70	70	0	0	0	0	0	2,271
Rab Col Bobover Yeshiva	594	0	0	0	0	0	0	0	594
Rabbcl Coll Ch'San So	106	0	0	0	0	0	0	0	106
Rabbinical C Beth Shraga	64	0	0	0	0	0	0	0	64
Rabbinical College L I	97	0	0	0	0	0	0	0	97
Rabbinical Sem of America	92	0	0	0	0	0	0	0	92
Rabbinical Sem Mkor Chaim	108	0	0	0	0	0	0	0	108
Rabbinicl Sem Adas Yereim	145	0	0	0	0	0	0	0	145
Rensselaer Polytech Inst	27,485	24,484	20,073	0	113	178	433	3,687	3,001
Rika Breuer Tchrs Sem	32	0	0	0	0	0	0	0	32
Roberts Wesleyan College	864	12	0	0	12	0	0	0	852
Rochester Inst Technology	38,875	2,063	1,881	0	142	40	0	0	36,812
Rockefeller University	42,660	42,660	39,718	687	0	1,651	219	385	0
Russell Sage College	2,400	97	96	0	0	1	0	0	2,303
Sara Schenirer Tchrs Sem	1,462	0	0	0	0	0	0	0	1,462
Sarah Lawrence College	436	35	26	0	0	9	0	0	401
Sh'or Yoshuv Rabbinical C	57	0	0	0	0	0	0	0	57
Siena College	1,311	28	0	0	28	0	0	0	1,283
Skidmore College	1,507	97	97	0	0	0	0	0	1,410
St Bonaventure University	960	6	0	0	6	0	0	0	954
St Francis College (NY)	1,011	0	0	0	0	0	0	0	1,011
St John Fisher College	1,244	0	0	0	0	0	0	0	1,244
St John's University (NY)	7,812	1,134	855	0	0	121	35	123	6,678
St Joseph's College	726	0	0	0	0	0	0	0	726
St Lawrence University	1,079	8	8	0	0	0	0	0	1,071
St Thomas Aquinas College	470	0	0	0	0	0	0	0	470
Stenotype Academy	706	0	0	0	0	0	0	0	706
Suffolk Co CC Eastern Cam	4	0	0	0	0	0	0	0	4
Syracuse University	25,729	15,746	13,726	0	102	735	357	826	9,983
SUNY - Hlth Sci Brooklyn	15,635	14,432	14,128	0	0	195	109	0	1,203
SUNY - Hlth Sci Syracuse	11,161	10,640	10,540	0	0	0	100	0	521

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
New York, cont'd.									
SUNY at Albany	16,036	14,663	14,429	15	0	108	86	25	1,373
SUNY at Binghamton	6,143	3,006	2,896	0	18	61	31	0	3,137
SUNY at Buffalo All Cmps	48,539	46,109	39,895	0	53	692	464	5,005	2,430
SUNY at Stony Brook	56,928	54,173	50,403	474	70	1,217	624	1,385	2,755
SUNY Adirondack Cmty Col	1,152	0	0	0	0	0	0	0	1,152
SUNY Ag & Tech Alfred	363	0	0	0	0	0	0	0	363
SUNY Ag & Tech Canton	480	0	0	0	0	0	0	0	480
SUNY Ag & Tech Cobleskill	233	62	62	0	0	0	0	0	171
SUNY Ag & Tech Delhi	245	0	0	0	0	0	0	0	245
SUNY Ag & Tech Farmingdale	879	0	0	0	0	0	0	0	879
SUNY Ag & Tech Morrisville	194	0	0	0	0	0	0	0	194
SUNY Broome Cmty Col	36	36	0	0	36	0	0	0	0
SUNY Clinton Cmty College	1,177	0	0	0	0	0	0	0	1,177
SUNY Cmty Col Finger Lake	1,847	0	0	0	0	0	0	0	1,847
SUNY Col at Old Westbury	1,511	925	270	0	0	167	488	0	586
SUNY Col of Env Sci & For	647	647	625	0	0	22	0	0	0
SUNY College at Purchase	747	123	123	0	0	0	0	0	624
SUNY College Brockport	1,537	242	174	0	0	0	0	68	1,295
SUNY College Buffalo	4,887	1,679	1,092	0	0	49	162	376	3,208
SUNY College Cortland	806	412	182	0	0	0	0	230	394
SUNY College Fredonia	1,213	645	627	0	18	0	0	0	568
SUNY College Geneseo	896	244	163	0	81	0	0	0	652
SUNY College New Paltz	1,122	192	21	0	0	0	0	171	930
SUNY College Oneonta	703	120	0	0	0	0	0	120	583
SUNY College Oswego	716	344	279	0	65	0	0	0	372
SUNY College Plattsburgh	1,329	344	271	0	14	0	59	0	985
SUNY College Potsdam	682	167	167	0	0	0	0	0	515
SUNY Columbia Greene Col	826	0	0	0	0	0	0	0	826
SUNY Corning Cmty College	2,296	0	0	0	0	0	0	0	2,296
SUNY Dutchess Cmty Col	1,457	158	0	0	0	0	0	158	1,299
SUNY Erie CC North Cam	99	99	99	0	0	0	0	0	0
SUNY Fashion Inst Tech	42	42	42	0	0	0	0	0	0
SUNY Genesee Cmty College	2,562	0	0	0	0	0	0	0	2,562
SUNY Hudson Val Cmty Col	2,525	0	0	0	0	0	0	0	2,525
SUNY Inst Tech Utica-Rome	263	94	94	0	0	0	0	0	169
SUNY Jefferson Cmty Col	1,354	0	0	0	0	0	0	0	1,354
SUNY Maritime College	252	0	0	0	0	0	0	0	252
SUNY Mohawk Val Cmty Col	3,697	0	0	0	0	0	0	0	3,697
SUNY Monroe Cmty College	5,000	0	0	0	0	0	0	0	5,000
SUNY Nassau Cmty College	3,460	35	0	0	35	0	0	0	3,425
SUNY Niagara Cty Cmty Col	3,195	0	0	0	0	0	0	0	3,195
SUNY North Cntry Cmty Col	1,354	0	0	0	0	0	0	0	1,354
SUNY Onondaga Cmty Col	3,145	2	0	0	0	2	0	0	3,143
SUNY Orange Cnty Cmty Col	1,885	0	0	0	0	0	0	0	1,885
SUNY Rockland Cmty Col	2,983	0	0	0	0	0	0	0	2,983
SUNY St Col of Optometry	279	117	87	0	0	25	5	0	162
SUNY Suffolk Co Cmty Col	5,172	0	0	0	0	0	0	0	5,172
SUNY System Office	6,548	4,200	2,128	0	0	173	825	1,074	2,348
SUNY Tompkins Cortland CC	1,774	43	0	0	0	0	43	0	1,731
SUNY Ulster Cnty Cmty Col	1,432	0	0	0	0	0	0	0	1,432
SUNY Westchester Cmty Col	135	135	0	0	0	135	0	0	0
Talmud Sem Oholei Torah	531	0	0	0	0	0	0	0	531
Talmudical Inst Upst N Y	25	0	0	0	0	0	0	0	25
The Berkeley College	204	0	0	0	0	0	0	0	204
Tobe-Coburn Sch Fash Car	53	0	0	0	0	0	0	0	53
Toldos Yakov Yosef	3,104	0	0	0	0	0	0	0	3,104
Touro College	14,799	0	0	0	0	0	0	0	14,799
Trocaire College	1,114	0	0	0	0	0	0	0	1,114
Union College (NY)	1,169	264	242	0	22	0	0	0	905
Union Theol Seminary (NY)	91	0	0	0	0	0	0	0	91
University of Rochester	131,293	122,363	103,510	9,928	186	5,630	1,041	2,068	8,930
Vassar College	1,771	387	356	0	26	0	5	0	1,384
Villa Maria Col Buffalo	546	0	0	0	0	0	0	0	546
Wadhams Hall	28	0	0	0	0	0	0	0	28
Wagner College	685	0	0	0	0	0	0	0	685
Webb Inst of Naval Arch	34	34	0	0	34	0	0	0	0
Wells College	414	53	0	0	0	0	53	0	361
Westchester Business Col	848	0	0	0	0	0	0	0	848
Wood School	608	0	0	0	0	0	0	0	608

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
New York, cont'd:									
Yeshiva & Kollel Har Tor	75	0	0	0	0	0	0	0	75
Yeshiva of Nitra Rabbin C	200	0	0	0	0	0	0	0	200
Yeshiva Bais Yisroel	37	0	0	0	0	0	0	0	37
Yeshiva Derech Chaim	130	0	0	0	0	0	0	0	130
Yeshiva Karlin Stolin	78	0	0	0	0	0	0	0	78
Yeshiva University	79,779	77,415	72,115	0	0	4,377	923	0	2,364
Yeshivat Mikdash Melech	23	0	0	0	0	0	0	0	23
Yeshivath Zichron Moshe	157	0	0	0	0	0	0	0	157
North Carolina, total	534,478	408,726	340,513	3,736	855	20,546	8,606	34,470	125,752
Anson Technical College	290	0	0	0	0	0	0	0	290
Appalachian St University	4,391	701	378	0	107	0	57	159	3,690
Barber-Scotia College	1,805	316	0	0	0	0	316	0	1,489
Barton College	1,039	0	0	0	0	0	0	0	1,039
Belmont Abbey College	461	1	0	0	0	1	0	0	460
Bennett College (NC)	520	451	90	0	0	230	131	0	69
Brevard College	388	0	0	0	0	0	0	0	388
Campbell University	1,438	14	0	0	0	14	0	0	1,424
Catawba College	507	19	0	0	19	0	0	0	488
Cecils Junior College	1,154	0	0	0	0	0	0	0	1,154
Central Carolina Tech Col	476	0	0	0	0	0	0	0	476
Chowan College	1,049	0	0	0	0	0	0	0	1,049
Coastal Carolina Cmty Col	708	0	0	0	0	0	0	0	708
Davidson College	1,155	344	244	0	100	0	0	0	811
Duke University	149,091	141,811	128,098	650	0	7,188	1,086	4,789	7,280
East Carolina University	10,052	4,235	3,927	0	56	77	107	68	5,817
East Coast Bible College	224	0	0	0	0	0	0	0	224
Elizabeth City State Univ	4,047	85	29	0	0	6	50	0	3,962
Elon College	965	0	0	0	0	0	0	0	965
Fayetteville State Univ	5,436	286	0	0	0	0	286	0	5,150
Fayetteville Tech Inst	1,441	0	0	0	0	0	0	0	1,441
Gardner-Webb College	1,201	0	0	0	0	0	0	0	1,201
Greensboro College	534	0	0	0	0	0	0	0	534
Guilford College	1,065	0	0	0	0	0	0	0	1,065
Guilford Technical Inst	697	0	0	0	0	0	0	0	697
Hardbarger J Col of Bus	1,130	0	0	0	0	0	0	0	1,130
Haywood Community College	4	4	4	0	0	0	0	0	0
John Wesley Col (NC)	59	0	0	0	0	0	0	0	59
Johnson C Smith Univ	3,673	504	11	0	0	83	410	0	3,169
Lees-McRae College	514	0	0	0	0	0	0	0	514
Lenoir-Rhyne College	651	0	0	0	0	0	0	0	651
Livingstone College	1,805	0	0	0	0	0	0	0	1,805
Louisburg College	475	0	0	0	0	0	0	0	475
Mars Hill College	1,270	0	0	0	0	0	0	0	1,270
Meredith College	558	49	0	0	48	1	0	0	509
Methodist College	944	0	0	0	0	0	0	0	944
Montreat-Anderson College	369	0	0	0	0	0	0	0	369
Mount Olive College	448	17	0	0	17	0	0	0	431
N C State Univ at Raleigh	70,037	63,510	43,697	257	59	3,218	887	15,392	6,527
North Caro Wesleyan Col	495	0	0	0	0	0	0	0	495
North Carolina Cntrl Univ	6,415	1,051	411	0	16	355	174	95	5,364
NC Ag & Tech State Univ	17,978	11,649	5,955	0	50	701	836	4,107	6,329
Peace College	94	0	0	0	0	0	0	0	94
Pembroke State University	2,051	219	0	0	61	158	0	0	1,832
Pfeiffer College	562	0	0	0	0	0	0	0	562
Phillips Jr Col-Raleigh	303	0	0	0	0	0	0	0	303
Phillips Jr Coll-Charlo	343	0	0	0	0	0	0	0	343
Phillips Jr Coll-Fayett	786	0	0	0	0	0	0	0	786
Phillips Jr Coll-Grnsbo	437	0	0	0	0	0	0	0	437
Piedmont Bible Col	237	0	0	0	0	0	0	0	237
Queens College	424	0	0	0	0	0	0	0	424
Roanoke Bible College	82	0	0	0	0	0	0	0	82
Rowan Technical College	566	85	0	0	85	0	0	0	481
Salem College	217	0	0	0	0	0	0	0	217
Shaw University	4,930	248	32	0	0	152	64	0	4,682
St Andrews Presby Col	477	0	0	0	0	0	0	0	477
St Augustines College	5,424	0	0	0	0	0	0	0	5,424

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
North Carolina, cont'd:									
St Mary's College	57	0	0	0	0	0	0	0	57
Stanly Technical College	353	0	0	0	0	0	0	0	353
Surry Community College	701	0	0	0	0	0	0	0	701
Univ of N C at Asheville	1,082	204	144	0	59	1	0	0	878
Univ of N C at Charlotte	7,065	2,931	1,837	0	130	0	261	703	4,134
Univ of N C at Greensboro	9,842	6,335	5,646	0	0	97	42	550	3,507
Univ of N C at Wilmington	4,825	2,304	1,512	0	0	1	791	0	2,521
Univ of N C Sys Off	2,085	2,085	1,773	0	0	0	312	0	0
Univ of NC at Chapel Hill	139,795	128,743	111,501	0	0	7,146	1,663	8,433	11,052
Vance-Granville Cmty Coll	717	0	0	0	0	0	0	0	717
Wake Forest University	43,618	39,585	35,224	2,829	0	1,117	415	0	4,033
Warren Wilson College	441	0	0	0	0	0	0	0	441
Western Carolina Univ	3,781	305	0	0	30	0	101	174	3,476
Western Piedmont Cmty Col	520	0	0	0	0	0	0	0	520
Wilkes Community College	762	0	0	0	0	0	0	0	762
Wingate College	688	0	0	0	0	0	0	0	688
Winston-Salem State Univ	4,254	635	0	0	18	0	617	0	3,619
North Dakota, total	79,088	37,484	18,666	7,230	4,543	809	337	5,899	41,604
Dickinson State College	1,475	0	0	0	0	0	0	0	1,475
Fort Bethold Cmty College	490	0	0	0	0	0	0	0	490
Jamestown College	1,117	0	0	0	0	0	0	0	1,117
Little Hoop Com Col	1,110	0	0	0	0	0	0	0	1,110
Mayville State College	996	0	0	0	0	0	0	0	996
Minot State College	3,182	64	0	0	0	0	0	64	3,118
N Dak State School Sci	2,088	0	0	0	0	0	0	0	2,088
North Dakota State Univ	29,759	17,214	8,346	2,436	90	485	22	5,835	12,545
Standing Rock College	1,766	439	172	0	0	0	267	0	1,327
Trinity Bible Institute	600	0	0	0	0	0	0	0	600
Turtle Mountain Comm Col	2,132	50	50	0	0	0	0	0	2,082
United Tribes Tech Col	2	2	0	0	0	2	0	0	0
University of Mary	1,720	0	0	0	0	0	0	0	1,720
University of N Dakota	31,768	19,715	10,098	4,794	4,453	322	48	0	12,053
Valley City State College	883	0	0	0	0	0	0	0	883
Ohio, total	577,107	332,042	291,113	194	1,838	10,882	6,734	21,281	245,065
Antioch University	2,602	12	0	0	12	0	0	0	2,590
Art Academy of Cincinnati	136	0	0	0	0	0	0	0	136
Ashland University	2,700	17	0	0	17	0	0	0	2,683
Baldwin-Wallace College	2,250	15	14	0	0	1	0	0	2,235
Bliss College	882	0	0	0	0	0	0	0	882
Bluffton College	516	0	0	0	0	0	0	0	516
Bowling Green State Univ	16,364	2,378	1,589	0	16	128	70	575	13,986
Bradford School	295	0	0	0	0	0	0	0	295
Capital University	1,289	0	0	0	0	0	0	0	1,289
Careercom Col of Business	1,516	0	0	0	0	0	0	0	1,516
Case Western Reserve Univ	101,150	93,937	87,747	0	60	5,210	842	78	7,213
Cedarville College	721	0	0	0	0	0	0	0	721
Central State University	780	557	441	0	0	116	0	0	223
Chatfield College	104	0	0	0	0	0	0	0	104
Cincinnati Bible Seminary	513	0	0	0	0	0	0	0	513
Cincinnati Technical Inst	1,839	0	0	0	0	0	0	0	1,839
Circleville Bible College	214	0	0	0	0	0	0	0	214
Cleveland State Univ	11,734	5,061	4,682	0	30	60	128	161	6,673
Col Mt St Joseph-on-Ohio	779	0	0	0	0	0	0	0	779
College of Wooster	1,180	211	143	0	39	0	29	0	969
Columbus Col Art & Design	882	0	0	0	0	0	0	0	882
Columbus State Comm Coll	110	0	0	0	0	0	0	0	110
Cuyahoga Community College	493	404	112	0	0	0	0	292	89
Davis Junior College	543	0	0	0	0	0	0	0	543
Defiance College	738	0	0	0	0	0	0	0	738

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Ohio, cont'd:									
Denison University	899	222	131	0	91	0	0	0	677
Dyke College	1,501	0	0	0	0	0	0	0	1,501
Electronic Tech Inst-Ohio	850	0	0	0	0	0	0	0	850
Franciscan U Steubenville	894	0	0	0	0	0	0	0	894
Franklin University	1,058	0	0	0	0	0	0	0	1,058
God's Bible School & Col	200	0	0	0	0	0	0	0	200
Heidelberg College	792	29	18	0	9	0	2	0	763
Hiram College	942	0	0	0	0	0	0	0	942
Hocking Technical College	150	150	150	0	0	0	0	0	0
ITT Tech Institute-Ohio	169	0	0	0	0	0	0	0	169
John Carroll University	1,483	308	307	0	0	1	0	0	1,175
Kent State University	39,393	7,952	5,342	0	0	246	249	2,115	31,441
Kenyon College	514	147	81	0	20	46	0	0	367
Lake Erie College	215	0	0	0	0	0	0	0	215
Lima Technical College	1,480	0	0	0	0	0	0	0	1,480
Lorain County Cmty Col	61	61	61	0	0	0	0	0	0
Lourdes College	340	0	0	0	0	0	0	0	340
Malone College	987	0	0	0	0	0	0	0	987
Marietta College	1,192	113	80	0	33	0	0	0	1,079
Marion Technical College	1,453	0	0	0	0	0	0	0	1,453
Med Col of Ohio at Toledo	8,893	7,829	7,573	0	0	178	78	0	1,064
Methodist Theol Sch Ohio	36	0	0	0	0	0	0	0	36
Miami University (Ohio)	12,973	4,619	3,281	0	138	168	140	892	8,354
Michael J Owens Tech Col	21	21	0	0	21	0	0	0	0
Mount Union College	1,212	79	0	0	0	1	0	78	1,133
Mt Vernon Nazarene Col	869	0	0	0	0	0	0	0	869
Muskingum Area Tech Col	32	32	32	0	0	0	0	0	0
Muskingum College	741	0	0	0	0	0	0	0	741
North Central Tech Col	1,524	0	0	0	0	0	0	0	1,524
Notre Dame College (OH)	399	102	102	0	0	0	0	0	297
NE Ohio Univs Col of Med	1,422	953	752	0	0	0	201	0	469
Oberlin College	2,720	531	506	0	25	0	0	0	2,189
Ohio Col of Podiatric Med	99	0	0	0	0	0	0	0	99
Ohio Dominican College	804	11	0	0	11	0	0	0	793
Ohio Northern University	1,484	74	0	0	0	0	74	0	1,410
Ohio State University	120,030	99,596	82,106	79	980	1,801	974	13,656	20,434
Ohio University	27,820	5,536	5,020	0	35	153	104	224	22,284
Ohio Wesleyan University	1,626	247	136	0	111	0	0	0	1,379
Otterbein College	1,145	0	0	0	0	0	0	0	1,145
Penn-Ohio Junior College	177	0	0	0	0	0	0	0	177
Rabbinical Col of Telshe	209	0	0	0	0	0	0	0	209
Sinclair Community Col	82	0	0	0	0	0	0	0	82
Southern Ohio College	2,993	0	0	0	0	0	0	0	2,993
Stark Technical Institute	1,706	0	0	0	0	0	0	0	1,706
Terra Technical College	965	0	0	0	0	0	0	0	965
The University of Findlay	2,071	334	0	0	0	0	0	334	1,737
Tiffin University	532	0	0	0	0	0	0	0	532
Trinity Lutheran Seminary	120	0	0	0	0	0	0	0	120
Union Institute	397	0	0	0	0	0	0	0	397
United Theol Sem (OH)	97	0	0	0	0	0	0	0	97
University of Akron	14,896	3,068	2,763	0	0	150	19	136	11,828
University of Cincinnati	83,448	57,676	51,490	115	135	1,757	3,731	448	25,772
University of Dayton	28,934	25,581	23,809	0	23	4	0	1,745	3,353
University of Rio Grande	1,619	31	0	0	0	0	0	31	1,588
University of Toledo	13,872	3,644	3,392	0	0	157	20	75	10,228
Urbana University	1,698	0	0	0	0	0	0	0	1,698
Ursuline College	594	0	0	0	0	0	0	0	594
Virginia Marti Fash Inst	109	0	0	0	0	0	0	0	109
Walsh College	707	0	0	0	0	0	0	0	707
West Side Inst of Tech	407	0	0	0	0	0	0	0	407
Wilberforce University	4,161	6	6	0	0	0	0	0	4,155
Wilmington College	260	50	0	0	0	0	0	50	210
Wittenberg University	1,111	0	0	0	0	0	0	0	1,111
Wright State University	16,694	10,252	9,062	0	21	705	73	391	6,442
Xavier University	2,007	185	185	0	0	0	0	0	1,822
Youngstown C Bus & Draftg	108	0	0	0	0	0	0	0	108
Youngstown St University	8,380	11	0	0	11	0	0	0	8,369

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Oklahoma, total	159,219	57,854	33,148	176	116	2,049	939	21,426	101,365
Bartlesville Wesleyan Col	558	0	0	0	0	0	0	0	558
Bethany Nazarene College	990	0	0	0	0	0	0	0	990
Cameron University	3,965	124	0	0	0	0	0	124	3,841
Carl Albert Junior Col	2,200	0	0	0	0	0	0	0	2,200
Central State Univ (OK)	4,174	0	0	0	0	0	0	0	4,174
Connors State College	2,157	0	0	0	0	0	0	0	2,157
East Central University	4,991	220	170	0	0	50	0	0	4,771
Eastern Okla State Col	1,485	21	20	0	0	1	0	0	1,464
Flaming Rainbow Univ	535	0	0	0	0	0	0	0	535
Hillsdale F-W-Baptist Col	178	0	0	0	0	0	0	0	178
Langston University	7,819	3,479	1,851	0	0	108	0	1,520	4,340
Murray State College	1,361	0	0	0	0	0	0	0	1,361
Northeastern Okla A&M Col	2,590	0	0	0	0	0	0	0	2,590
Northeastern State Univ	6,950	114	0	0	0	1	0	113	6,836
Northern Oklahoma College	972	0	0	0	0	0	0	0	972
Northwestern Okla St Univ	1,370	0	0	0	0	0	0	0	1,370
Okla Panhandle State Univ	897	0	0	0	0	0	0	0	897
Oklahoma Baptist Univ	1,204	0	0	0	0	0	0	0	1,204
Oklahoma City University	1,029	0	0	0	0	0	0	0	1,029
Oklahoma State University	46,886	27,226	12,434	0	32	735	33	13,992	19,660
Oral Roberts University	4,177	0	0	0	0	0	0	0	4,177
OK Christian Univ Sci/Art	1,315	0	0	0	0	0	0	0	1,315
OK City Community College	43	43	0	0	43	0	0	0	0
OK Junior Col Bus & Tech	949	0	0	0	0	0	0	0	949
Phillips University	857	0	0	0	0	0	0	0	857
Redlands Cmty Col	5	5	5	0	0	0	0	0	0
Roger State College	3,055	0	0	0	0	0	0	0	3,055
Rose State College	59	59	0	0	0	0	0	59	0
Seminole Junior Col (OK)	1,147	0	0	0	0	0	0	0	1,147
Southeastern Okla St Univ	4,730	412	9	0	0	0	403	0	4,318
Southwestern Okla St Univ	3,433	74	0	0	0	0	0	74	3,359
St Gregorys College	183	0	0	0	0	0	0	0	183
SW Col of Christian Minis	149	0	0	0	0	0	0	0	149
Tulsa Junior College	3,199	0	0	0	0	0	0	0	3,199
Univ Sci & Arts of Okla	1,797	0	0	0	0	0	0	0	1,797
University of Oklahoma	37,431	24,867	17,590	176	26	1,028	503	5,544	12,564
University of Tulsa	3,543	1,210	1,069	0	15	126	0	0	2,333
Westrn Oklahoma State Col	836	0	0	0	0	0	0	0	836
Oregon, total	211,371	148,524	124,453	492	584	4,274	2,686	16,035	62,847
Chemeketa Community Col	3,484	70	0	0	0	0	70	0	3,414
Clatsop Community College	703	0	0	0	0	0	0	0	703
Columbia Christian Col	298	0	0	0	0	0	0	0	298
Concordia College (Ore)	482	0	0	0	0	0	0	0	482
Eastern Oregon St College	2,294	249	0	0	0	0	0	249	2,045
Eugene Bible College	214	0	0	0	0	0	0	0	214
George Fox College	1,054	0	0	0	0	0	0	0	1,054
ITT Technical Inst	262	0	0	0	0	0	0	0	262
Lane Community College	200	200	0	0	0	0	0	200	0
Lewis & Clark College	1,712	330	17	0	35	18	68	192	1,382
Linfield College	1,875	174	174	0	0	0	0	0	1,701
Marylhurst Education Ctr	368	0	0	0	0	0	0	0	368
Mt Angel Seminary	12	0	0	0	0	0	0	0	12
Multnomah School of Bible	360	0	0	0	0	0	0	0	360
Nat Col of Natur Medicine	2,018	2,018	2,018	0	0	0	0	0	0
Northwest Christian Col	276	29	0	0	0	0	0	29	247
Oregon Grad Inst Sci Tech	4,869	4,869	4,856	0	0	0	13	0	0
Oregon Hlth Sciences Univ	49,398	45,507	43,481	300	0	1,240	267	219	3,891
Oregon Institute of Tech	418	418	262	0	156	0	0	0	0
Oregon Polytechnic Inst	268	0	0	0	0	0	0	0	268
Oregon State University	70,185	61,164	51,297	0	125	1,257	1,861	6,624	9,021
Pacific NW College of Art	469	0	0	0	0	0	0	0	469
Pacific University	2,069	30	0	0	30	0	0	0	2,039
Portland Community Col	7,508	10	0	0	0	0	10	0	7,498
Portland State University	9,704	2,520	1,991	0	68	123	57	281	7,184
Reed College	1,957	1,185	316	0	43	0	0	826	772
Southern Oregon St Col	3,445	241	19	0	45	0	62	115	3,204
Treasure Valley Cmty Col	708	0	0	0	0	0	0	0	708

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Oregon, cont'd:									
University of Oregon Main	37,285	28,384	19,750	192	82	1,635	278	6,447	8,901
University of Portland	1,944	46	0	0	0	0	0	46	1,898
Western Baptist College	353	0	0	0	0	0	0	0	353
Western Oregon State Coll	3,583	1,057	250	0	0	0	0	807	2,526
Willamette University	1,303	23	22	0	0	1	0	0	1,280
Wstrn States Chiroprctc C	293	0	0	0	0	0	0	0	293
Pennsylvania, total	945,117	716,281	651,078	4,015	1,901	25,081	4,606	29,600	228,836
Albright College	613	0	0	0	0	0	0	0	613
Allegheny College	2,280	1,255	883	0	170	2	0	200	1,025
Allentown C St Fr Desales	627	0	0	0	0	0	0	0	627
Alvernia College	381	0	0	0	0	0	0	0	381
American Inst Drafting	382	0	0	0	0	0	0	0	382
Art Inst Philadelphia	1,337	0	0	0	0	0	0	0	1,337
Art Inst Pittsburgh	2,507	0	0	0	0	0	0	0	2,507
Baptist Bible Coll & Sem	391	0	0	0	0	0	0	0	391
Beaver College	490	122	0	0	30	0	0	92	368
Bloomsburg Univ of Penn	49	29	29	0	0	0	0	0	20
Bryn Mawr College	1,837	1,183	840	0	0	253	5	85	654
Bucknell University	1,589	608	499	0	107	2	0	0	981
Bucks County Cmty Col	1	1	1	0	0	0	0	0	0
Cabrini College	442	0	0	0	0	0	0	0	442
California Univ of Penn	3	0	0	0	0	0	0	0	3
Carlow College	878	34	0	0	34	0	0	0	844
Carnegie-Mellon Univ	61,834	55,474	50,167	200	64	2,235	241	2,567	6,360
Cedar Crest College	356	0	0	0	0	0	0	0	356
Chatham College	688	0	0	0	0	0	0	0	688
Chestnut Hill College	358	0	0	0	0	0	0	0	358
Chi Institute	206	0	0	0	0	0	0	0	206
Clarion Univ of Penn	3,740	0	0	0	0	0	0	0	3,740
Cmty Col of Philadelphia	9,058	0	0	0	0	0	0	0	9,058
College Misericordia	1,028	62	0	0	0	0	0	62	966
Dean Institute of Tech	73	0	0	0	0	0	0	0	73
Delaware Valley College	7	7	0	0	7	0	0	0	0
Dickinson College	1,600	749	256	0	244	0	249	0	851
Dickinson School of Law	60	0	0	0	0	0	0	0	60
Drexel University	11,086	7,704	7,309	234	51	64	41	5	3,382
Dubois Business College	395	0	0	0	0	0	0	0	395
Duquesne University	3,501	603	529	0	0	14	0	60	2,898
Eastern Baptist Theol Sem	12	0	0	0	0	0	0	0	12
Eastern College	691	0	0	0	0	0	0	0	691
Edinboro Univ of Penn	83	83	83	0	0	0	0	0	0
Electronic Insts-Pitts	266	0	0	0	0	0	0	0	266
Elizabethtown College	519	77	66	0	10	1	0	0	442
Franklin & Marshall Col	1,426	748	713	0	25	0	10	0	678
Gannon University	3,454	45	0	0	45	0	0	0	3,409
Geneva College	946	0	0	0	0	0	0	0	946
Gettysburg College	601	54	29	0	19	6	0	0	547
Gwynedd-Mercy College	619	0	0	0	0	0	0	0	619
Hahnemann University	13,026	10,527	10,327	0	0	0	131	69	2,499
Harcum Junior College	853	0	0	0	0	0	0	0	853
Harrisburg Area Cmty Col	1,644	74	0	0	74	0	0	0	1,570
Haverford College	1,188	745	699	0	0	0	46	0	443
Holy Family College	615	0	0	0	0	0	0	0	615
Immaculata College	370	73	0	0	0	0	0	73	297
Indiana Univ of Penn	9,523	421	112	0	80	145	0	84	9,102
Juniata College	783	147	146	0	0	1	0	0	636
Keystone Junior College	846	147	0	0	0	0	0	147	699
King's College (PA)	1,070	58	58	0	0	0	0	0	1,012
Kutztown Univ of Penn	2,133	0	0	0	0	0	0	0	2,133
La Roche College	609	0	0	0	0	0	0	0	609
La Salle University	1,987	105	77	0	28	0	0	0	1,882
Lackawanna Junior College	626	0	0	0	0	0	0	0	626
Lafayette College	647	276	223	0	52	1	0	0	371
Lancaster Bible College	285	0	0	0	0	0	0	0	285
Lebanon Valley College	586	128	53	0	75	0	0	0	458
Lehigh University	39,023	37,064	36,265	0	120	342	192	145	1,959
Lincoln University (PA)	3,439	719	525	0	0	194	0	0	2,720

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Pennsylvania, cont'd:									
Lock Haven Univ of Penn	2,244	0	0	0	0	0	0	0	2,244
Lutheran Theological Sem	13	0	0	0	0	0	0	0	13
Lycoming College	594	0	0	0	0	0	0	0	594
Manor Junior College	337	0	0	0	0	0	0	0	337
Mansfield Univ of Penn	1,654	1	0	0	0	1	0	0	1,653
Marywood College	1,481	0	0	0	0	0	0	0	1,481
McCarrie Sch Hlth Sci Tec	654	0	0	0	0	0	0	0	654
Medical Col of Penn	19,579	18,410	17,568	0	0	734	108	0	1,169
Mercyhurst College	1,236	0	0	0	0	0	0	0	1,236
Messiah College	1,202	0	0	0	0	0	0	0	1,202
Millersville Univ of Penn	2,373	220	208	0	12	0	0	0	2,153
Montgomery Cnty Comm Col	43	43	0	0	43	0	0	0	0
Moore Col of Art & Design	452	0	0	0	0	0	0	0	452
Moravian College	581	56	0	0	0	1	55	0	525
Mount Aloysius Junior Col	1,282	0	0	0	0	0	0	0	1,282
Muhlenberg College	503	0	0	0	0	0	0	0	503
Neumann College	314	0	0	0	0	0	0	0	314
Northampton Cnty Cmty Col	1,393	162	0	0	0	0	0	162	1,231
Northeastn Christn Jr Col	316	0	0	0	0	0	0	0	316
O.S. Johnson Sch Tech	198	0	0	0	0	0	0	0	198
Palmer School	250	0	0	0	0	0	0	0	250
Peirce Jr College	1,247	79	0	0	0	0	79	0	1,168
Penn Col of Podiatric Med	577	0	0	0	0	0	0	0	577
Penn Technical Institute	246	0	0	0	0	0	0	0	246
Pennco Tech	444	0	0	0	0	0	0	0	444
Pennsylvania Col of Tech	3,922	32	0	0	32	0	0	0	3,890
Pennsylvania Col Optomet	1,132	403	398	0	0	0	5	0	729
Pennsylvania Inst of Tech	478	0	0	0	0	0	0	0	478
Pennsylvania State Univ	200,467	166,943	144,400	0	199	2,101	525	19,718	33,524
Phila Col of Pharm & Sci	414	287	287	0	0	0	0	0	127
Phila Col of Text & Sci	29	0	0	0	0	0	0	0	29
Phila Col Osteopathic Med	834	102	2	100	0	0	0	0	732
Philadelphia Col of Bible	484	0	0	0	0	0	0	0	484
Pinebrook Junior College	99	0	0	0	0	0	0	0	99
Pittsburgh Inst Mort. Sci	34	0	0	0	0	0	0	0	34
Point Park College	1,486	0	0	0	0	0	0	0	1,486
Reading Area CC	62	0	0	0	0	0	0	0	62
Robert Morris College	1,877	0	0	0	0	0	0	0	1,877
Rosemont College	212	0	0	0	0	0	0	0	212
Seton Hill College	1,421	0	0	0	0	0	0	0	1,421
Shippensburg Univ of Penn	1,501	80	13	0	0	0	67	0	1,421
Slippery Rock Univ of PA	141	1	0	0	0	1	0	0	140
Spring Garden College	194	0	0	0	0	0	0	0	194
St Charles Borromeo Sem	52	0	0	0	0	0	0	0	52
St Francis College	1,267	17	0	0	17	0	0	0	1,250
St Joseph's University	2,023	582	0	582	0	0	0	0	1,441
St Vincent Col and Sem	1,827	593	10	0	8	575	0	0	1,234
Susquehanna University	651	56	56	0	0	0	0	0	595
Swarthmore College	1,871	925	885	0	21	19	0	0	946
Temple University	39,157	25,329	22,995	0	0	1,002	406	926	13,828
Thiel College	907	0	0	0	0	0	0	0	907
Thomas Jefferson Univ	30,900	27,711	26,068	500	0	829	167	147	3,189
Triangle Tech, Inc.	1,712	0	0	0	0	0	0	0	1,712
Univ of Pennsylvania	201,356	186,678	169,352	1,009	241	12,793	1,410	1,873	14,678
University of Pittsburgh	185,173	156,811	147,757	1,390	0	3,736	797	3,131	28,362
University of Scranton	11,656	10,076	10,076	0	0	0	0	0	1,580
Ursinus College	512	60	0	0	60	0	0	0	452
Vale Technical Institute	61	0	0	0	0	0	0	0	61
Valley Forge Christ Col	461	0	0	0	0	0	0	0	461
Valley Forge Milit Jr Col	87	0	0	0	0	0	0	0	87
Villanova University	5,114	1,010	935	0	0	3	72	0	4,104
Washington & Jeffersn Col	612	0	0	0	0	0	0	0	612
Waynesburg College	1,511	0	0	0	0	0	0	0	1,511
West Chester Univ of Penn	2,806	59	58	0	0	1	0	0	2,747
Westminster College (PA)	760	0	0	0	0	0	0	0	760
Widener University	2,239	166	88	0	0	24	0	54	2,073
Wilkes University	1,768	67	33	0	33	1	0	0	1,701
Wilson College	168	0	0	0	0	0	0	0	168
York College of Penn	799	0	0	0	0	0	0	0	799

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Rhode Island, total	96,206	66,939	55,243	2,861	149	1,981	1,601	5,104	29,267
Brown University	44,658	39,803	36,015	112	73	1,563	358	1,682	4,855
Bryant Col of Bus Admin	1,086	93	0	0	0	0	0	93	993
Cmty Col of Rhode Island	5,474	0	0	0	0	0	0	0	5,474
Johnson & Wales Univ	3,980	0	0	0	0	0	0	0	3,980
N Eng Inst of Technology	1,633	0	0	0	0	0	0	0	1,633
Providence College	2,010	65	65	0	0	0	0	0	1,945
Rhode Island College	4,386	195	0	0	0	0	12	183	4,191
Roger Williams College	906	0	0	0	0	0	0	0	906
Salve Regina College	429	0	0	0	0	0	0	0	429
Univ of Rhode Island	31,644	26,783	19,163	2,749	76	418	1,231	3,146	4,861
South Carolina, total	151,808	77,243	54,996	2,745	437	2,180	1,783	15,102	74,565
Allen University	602	0	0	0	0	0	0	0	602
Anderson College	718	0	0	0	0	0	0	0	718
Baptist Col at Charleston	1,741	40	0	0	0	40	0	0	1,701
Benedict College	5,591	913	0	0	0	240	481	192	4,678
Central Wesleyan College	636	0	0	0	0	0	0	0	636
Citadel Military Col S C	406	0	0	0	0	0	0	0	406
Claflin College	3,234	151	151	0	0	0	0	0	3,083
Clemson University	26,527	22,359	13,917	196	0	384	42	7,820	4,168
Clinton Junior College	70	0	0	0	0	0	0	0	70
Coker College	504	0	0	0	0	0	0	0	504
College of Charleston	2,635	222	168	0	11	1	0	42	2,413
Columbia Bible Col	393	0	0	0	0	0	0	0	393
Columbia College	968	32	0	0	0	0	0	32	936
Columbia Junior College	1	0	0	0	0	0	0	0	1
Converse College	354	0	0	0	0	0	0	0	354
Erskine College	224	0	0	0	0	0	0	0	224
Florence Darlington T C	1,562	0	0	0	0	0	0	0	1,562
Francis Marion College	1,527	104	94	0	10	0	0	0	1,423
Furman University	2,296	342	215	0	127	0	0	0	1,954
Greenville Tech College	2,680	0	0	0	0	0	0	0	2,680
Horry-Georgetown Tech Col	1,119	0	0	0	0	0	0	0	1,119
Lander College	1,190	0	0	0	0	0	0	0	1,190
Limestone College	685	0	0	0	0	0	0	0	685
Med Univ of So Carolina	29,041	25,924	22,334	2,539	0	541	510	0	3,117
Midlands Tech College	3,726	0	0	0	0	0	0	0	3,726
Morris College	3,073	0	0	0	0	0	0	0	3,073
Newberry College	612	0	0	0	0	0	0	0	612
North Greenville College	421	0	0	0	0	0	0	0	421
Phillips Jr Col Columbia	774	0	0	0	0	0	0	0	774
Piedmont Tech College	1,492	0	0	0	0	0	0	0	1,492
Presbyterian College	438	0	0	0	0	0	0	0	438
Sherman Col of Chiropract	179	0	0	0	0	0	0	0	179
South Carolina St College	11,938	4,335	1,839	0	31	188	226	2,051	7,603
Spartanburg Meth College	875	0	0	0	0	0	0	0	875
Sumter Area Tech College	110	110	0	0	0	110	0	0	0
SC Sea Grant Consortium	919	919	313	0	0	63	276	267	0
Trident Technical College	3,586	103	0	0	103	0	0	0	3,483
Univ of South Carolina	32,528	20,868	15,787	10	8	613	248	4,202	11,660
Voorhees College	2,957	83	0	0	0	0	0	83	2,874
Williamsburg Tech College	536	0	0	0	0	0	0	0	536
Winthrop College	2,139	413	0	0	0	0	0	413	1,726
Wofford College	623	147	0	0	147	0	0	0	476
York Technical College	178	178	178	0	0	0	0	0	0
South Dakota, total	47,511	13,910	6,705	1,911	65	224	308	4,697	33,601
Augustana College	2,015	192	135	0	26	1	0	30	1,823
Black Hill State Univ	3,264	0	0	0	0	0	0	0	3,264
Cheyenne River Com Col	270	0	0	0	0	0	0	0	270
Dakota State University	1,185	24	24	0	0	0	0	0	1,161
Dakota Wesleyan Univ	1,021	0	0	0	0	0	0	0	1,021
Huron University	636	0	0	0	0	0	0	0	636
Kilian Cmty Col	283	127	0	0	0	0	0	127	156
Mount Marty College	1,073	0	0	0	0	0	0	0	1,073
N A Baptist Seminary	15	0	0	0	0	0	0	0	15

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
South Dakota, cont'd:									
National College	1,595	0	0	0	0	0	0	0	1,595
Northern State University	2,976	30	0	0	0	0	0	30	2,946
Oglala Lakota College	2,130	0	0	0	0	0	0	0	2,130
Presentation College	1,071	0	0	0	0	0	0	0	1,071
S Dak Sch Mines & Tech	2,828	2,781	2,552	0	39	190	0	0	47
Sinte Gleska College	2,284	237	0	0	0	0	237	0	2,047
Sioux Falls College	717	0	0	0	0	0	0	0	717
Sisseton-Wahpeton Cmty C	783	89	89	0	0	0	0	0	694
South Dakota State Univ	15,209	9,315	3,164	1,911	0	0	40	4,200	5,894
U of S D System Office	6,077	91	0	0	0	12	0	79	5,986
Univ of South Dakota	2,079	1,024	741	0	0	21	31	231	1,055
Tennessee, total	318,387	184,646	148,877	413	532	8,708	5,073	21,043	133,741
American Baptist College	214	0	0	0	0	0	0	0	214
Aquinas Junior College	149	0	0	0	0	0	0	0	149
Austin Peay State Univ	4,016	75	35	0	40	0	0	0	3,941
Belmont College	828	22	22	0	0	0	0	0	806
Bethel College (Tenn)	850	0	0	0	0	0	0	0	850
Bristol University	223	0	0	0	0	0	0	0	223
Bryan College	696	0	0	0	0	0	0	0	696
Carson-Newman College	1,580	0	0	0	0	0	0	0	1,580
Chattanooga St Tech CC	2,514	0	0	0	0	0	0	0	2,514
Christian Brothers Univ	1,444	99	0	0	99	0	0	0	1,345
Cleveland State Cmty Col	1,400	0	0	0	0	0	0	0	1,400
Columbia State Cmty Col	818	0	0	0	0	0	0	0	818
Cumberland Col of Tenn	383	0	0	0	0	0	0	0	383
David Lipscomb University	768	0	0	0	0	0	0	0	768
Draughons Jr C-Knoxville	2,962	0	0	0	0	0	0	0	2,962
Draughons JC - Nashville	999	0	0	0	0	0	0	0	999
Dyersburg State Cmty Col	1,278	0	0	0	0	0	0	0	1,278
East Tennessee State Univ	8,891	1,990	1,736	0	30	19	29	176	6,901
Edmondson Junior College	1,556	0	0	0	0	0	0	0	1,556
Fisk University	4,627	2,165	705	0	42	0	618	800	2,462
Free Will Bapt Bible Col	185	0	0	0	0	0	0	0	185
Freed-Hardeman University	1,475	0	0	0	0	0	0	0	1,475
Hiwassee College	817	0	0	0	0	0	0	0	817
ITT Technical Institute	62	0	0	0	0	0	0	0	62
Jackson State Cmty Col	1,162	0	0	0	0	0	0	0	1,162
John A Gupton College	37	0	0	0	0	0	0	0	37
King College (Tenn)	446	0	0	0	0	0	0	0	446
Knoxville College	4,664	0	0	0	0	0	0	0	4,664
Lambuth College	610	0	0	0	0	0	0	0	610
Lane College	3,233	441	0	0	0	190	251	0	2,792
Le Moyne-Owen College	3,543	62	62	0	0	0	0	0	3,481
Lee College (Tenn)	1,899	0	0	0	0	0	0	0	1,899
Lincoln Memorial Univ	1,975	26	0	0	26	0	0	0	1,949
Martin College	307	0	0	0	0	0	0	0	307
Maryville College	527	9	0	0	9	0	0	0	518
McKenzie College	785	0	0	0	0	0	0	0	785
Meharry Medical College	25,151	10,647	8,728	0	0	417	1,502	0	14,504
Memphis Academy of Arts	198	0	0	0	0	0	0	0	198
Memphis State University	10,918	4,802	4,225	0	0	0	115	462	6,116
Middle Tennessee St Univ	6,718	122	45	0	21	0	0	56	6,596
Milligan College	551	0	0	0	0	0	0	0	551
Motlow State Cmty College	1,241	0	0	0	0	0	0	0	1,241
O'More Sch Architec Inter	29	0	0	0	0	0	0	0	29
Rhodes College	848	190	69	0	35	0	0	86	658
Roane State Community Col	2,375	0	0	0	0	0	0	0	2,375
Shelby State Cmty College	3,559	0	0	0	0	0	0	0	3,559
Southern Col of Optometry	412	61	61	0	0	0	0	0	351
Southern Col of 7-Day Adv	1,179	0	0	0	0	0	0	0	1,179
State Tech Inst Memphis	1,829	0	0	0	0	0	0	0	1,829
Tenn Technological Univ	893	893	745	0	96	22	0	30	0
Tennessee Inst Electronic	52	0	0	0	0	0	0	0	52
Tennessee State Univ	17,880	9,305	5,467	241	0	644	643	2,310	8,575
Tennessee Temple Univ	1,137	0	0	0	0	0	0	0	1,137
Tennessee Wesleyan Col	637	0	0	0	0	0	0	0	637
Tomlinson College	423	0	0	0	0	0	0	0	423
Trevecca Nazarene College	978	0	0	0	0	0	0	0	978

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Tennessee, cont'd:									
Tusculum College	895	0	0	0	0	0	0	0	895
Union University	902	0	0	0	0	0	0	0	902
Univ of Tenn System Off	448	448	318	0	0	0	0	130	0
Univ of Tennessee All Cmp	84,882	66,496	50,204	172	50	1,172	578	14,320	18,386
University of the South	662	89	18	0	70	1	0	0	573
Vanderbilt University	92,481	86,704	76,437	0	14	6,243	1,337	2,673	5,777
Volunteer State Cmty Col	1,154	0	0	0	0	0	0	0	1,154
Walters State Comm Coll	2,032	0	0	0	0	0	0	0	2,032
Texas, total	883,783	611,353	516,679	4,389	5,404	18,039	19,735	47,107	272,430
Abilene Christian Univ	2,296	176	88	0	87	1	0	0	2,120
Alamo Cmty Col Dist	11,047	1	1	0	0	0	0	0	11,046
Amarillo College	1,495	0	0	0	0	0	0	0	1,495
Arlington Baptist Coll	134	0	0	0	0	0	0	0	134
Austin Cmty Col (Tex)	3,940	0	0	0	0	0	0	0	3,940
Austin College	796	16	0	0	16	0	0	0	780
Baptist Miss Assoc Th Sem	21	0	0	0	0	0	0	0	21
Baylor Col of Dentistry	804	563	516	0	0	15	32	0	241
Baylor Col of Medicine	90,272	87,593	82,849	0	0	2,177	871	1,696	2,679
Baylor University	5,452	1,267	1,069	0	0	75	16	107	4,185
Brazosport College	299	0	0	0	0	0	0	0	299
Brookhaven College	804	0	0	0	0	0	0	0	804
Cedar Valley College	483	0	0	0	0	0	0	0	483
Central Texas College	2,008	0	0	0	0	0	0	0	2,008
Cisco Junior College	802	0	0	0	0	0	0	0	802
Clarendon College	8	0	0	0	0	0	0	0	8
College of the Mainland	872	0	0	0	0	0	0	0	872
Concordia Lutheran Col	564	146	146	0	0	0	0	0	418
Corpus Christi State Univ	1,495	246	0	0	0	45	0	201	1,249
Dallas Baptist College	815	0	0	0	0	0	0	0	815
Dallas Christian College	82	0	0	0	0	0	0	0	82
Del Mar College	68	68	68	0	0	0	0	0	0
DeVry Inst of Tech (TX)	3,661	0	0	0	0	0	0	0	3,661
East Texas Baptist Col	1,041	0	0	0	0	0	0	0	1,041
East Texas State Univ	3,412	0	0	0	0	0	0	0	3,412
Eastfield College	36	36	0	0	36	0	0	0	0
El Paso Cmty College	1,631	1,500	0	0	1,500	0	0	0	131
Galveston College	20	20	20	0	0	0	0	0	0
Gulf Coast Bible College	183	0	0	0	0	0	0	0	183
Hardin-Simmons University	1,460	0	0	0	0	0	0	0	1,460
Houston Baptist Univ	997	220	0	0	0	0	0	220	777
Houston Community College	5,936	295	0	0	30	265	0	0	5,641
Howard Payne University	1,145	0	0	0	0	0	0	0	1,145
Huston-Tillotson College	1,801	0	0	0	0	0	0	0	1,801
Incarnate Word College	3,081	232	0	0	0	21	211	0	2,849
Inst for Christian Studie	12	0	0	0	0	0	0	0	12
ITT Tech Inst-Arlington	71	0	0	0	0	0	0	0	71
ITT Tech Inst-Houston	106	0	0	0	0	0	0	0	106
Jacksonville College	304	0	0	0	0	0	0	0	304
Jarvis Christian College	2,192	172	172	0	0	0	0	0	2,020
Lamar Univ., Port Arthur	700	0	0	0	0	0	0	0	700
Lamar University - Beaumo	7,636	4,187	3,510	0	0	0	208	469	3,449
Lamar University, Orange	491	0	0	0	0	0	0	0	491
Laredo Junior College	4,802	800	0	0	800	0	0	0	4,002
Laredo State University	593	72	0	0	0	0	0	72	521
LeTourneau University	987	1	0	0	0	1	0	0	986
Lon Morris College	206	0	0	0	0	0	0	0	206
Lubbock Christian College	697	0	0	0	0	0	0	0	697
McMurry College	1,163	0	0	0	0	0	0	0	1,163
Midwestern State Univ	1,753	33	33	0	0	0	0	0	1,720
Northeast TX Com Col	25	0	0	0	0	0	0	0	25
Northlake College	752	0	0	0	0	0	0	0	752
Our Lady of the Lake Univ	2,541	152	0	0	0	0	0	152	2,389
Parker Coll of Chiropract	4,262	4,071	4,071	0	0	0	0	0	191
Paul Quinn College	2,312	0	0	0	0	0	0	0	2,312
Prairie View A & M Univ	14,099	6,896	3,472	0	0	424	293	2,707	7,203
Ranger Junior College	599	0	0	0	0	0	0	0	599
Rice University	22,310	22,265	16,052	256	0	917	76	4,964	45
Richland College	1	1	1	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Texas, cont'd:									
Sam Houston State Univ	4,028	25	25	0	0	0	0	0	4,003
Schreiner College	415	0	0	0	0	0	0	0	415
South Plains College	2,025	0	0	0	0	0	0	0	2,025
South Texas Col of Law	291	82	0	0	0	0	82	0	209
Southern Methodist Univ	7,920	5,468	5,139	0	0	76	98	155	2,452
Southwest Texas Jr Col	1,977	0	0	0	0	0	0	0	1,977
Southwest Texas St Univ	12,552	3,959	1,256	0	245	1	289	2,168	8,593
Southwestern Adventist C	680	0	0	0	0	0	0	0	680
Southwestern Univ (TX)	679	35	35	0	0	0	0	0	644
Southwestn Assemb God Col	754	0	0	0	0	0	0	0	754
Southwestn Christian Col	784	0	0	0	0	0	0	0	784
St Edward's University	2,978	55	55	0	0	0	0	0	2,923
St Mary's Univ S Antonio	4,017	673	0	0	0	172	501	0	3,344
Stephen F Austin St Univ	5,205	701	230	0	0	0	196	275	4,504
Sul Ross State University	1,956	57	0	0	0	0	0	57	1,899
Tarleton State University	33	33	33	0	0	0	0	0	0
Temple Junior College	818	0	0	0	0	0	0	0	818
Texas A & I University	5,447	619	196	0	17	47	309	50	4,828
Texas A & M Univ Sys Off	13,554	13,458	2,901	0	0	66	10,321	170	96
Texas A & M University	93,017	78,795	52,367	3,925	156	1,903	1,266	19,178	14,222
Texas Chiropractic Col	240	0	0	0	0	0	0	0	240
Texas Christian Univ	6,197	2,911	2,710	0	10	24	0	167	3,286
Texas Col of Osteo Med	3,172	2,770	2,641	0	0	75	54	0	402
Texas College	1,997	50	0	0	0	0	0	50	1,947
Texas Lutheran College	713	0	0	0	0	0	0	0	713
Texas Southern Univ	14,031	3,363	1,918	0	42	397	698	308	10,668
Texas State Tech Inst	9,794	1,778	0	0	1,778	0	0	0	8,016
Texas Tech University	18,542	8,259	7,540	0	0	297	66	356	10,283
Texas Wesleyan University	960	85	0	0	0	0	0	85	875
Texas Woman's University	4,161	1,075	481	36	0	0	194	364	3,086
Trinity University	3,013	1,035	635	0	100	1	10	289	1,978
U of Houston Downtown Col	4,814	1,194	1,161	0	15	0	0	18	3,620
U of Houston Sys Off	276	276	71	0	0	0	5	200	0
U of Houston Univ Park	29,251	18,730	17,629	90	0	340	79	592	10,521
U of Texas at San Antonio	10,707	3,515	1,769	0	269	291	883	303	7,192
U of TX - Pan America	341	341	297	0	0	44	0	0	0
U Tex Hlth Sci Ctr Houstn	38,808	34,816	33,381	0	0	729	614	92	3,992
U Tex Hlth Sci Ctr S Anto	44,964	39,114	36,999	82	0	1,313	322	398	5,850
U Tex Med Brnch Galveston	29,384	26,345	25,272	0	0	755	256	62	3,039
U Tex Sw Med Ctr - Dallas	61,767	59,837	55,878	0	0	3,027	370	562	1,930
U TX MD Anderson Cncr Ctr	38,166	36,001	34,693	0	0	1,006	302	0	2,165
Univ of Mary Hardin-Baylr	1,056	0	0	0	0	0	0	0	1,056
Univ of North Texas	8,387	2,403	1,781	0	3	128	10	481	5,984
Univ of Tex at Arlington	10,621	2,834	2,282	0	22	229	0	301	7,787
Univ of Tex Permian Basin	799	179	0	0	0	0	0	179	620
Univ of Texas at Austin	107,882	106,147	95,063	0	87	2,136	231	8,630	1,735
Univ of Texas at Dallas	5,840	4,865	4,825	0	0	16	19	5	975
Univ of Texas at El Paso	16,823	7,535	6,067	0	50	466	809	143	9,288
Univ of Texas System Off	16,703	2,656	2,029	0	0	323	44	260	14,047
Univ Houstn Clr Lake City	8,027	7,177	6,496	0	107	236	0	338	850
University of Dallas	1,552	732	698	0	0	0	0	34	820
University of St Thomas	1,138	135	0	0	13	0	0	122	1,003
Wayland Baptist College	1,372	0	0	0	0	0	0	0	1,372
West Texas State Univ	3,640	148	0	0	21	0	0	127	3,492
Wiley College	1,940	58	58	0	0	0	0	0	1,882
Utah, total	231,720	154,903	129,587	9,670	0	2,507	1,597	11,542	76,817
Brigham Young University	24,647	5,415	5,215	0	0	65	10	125	19,232
College of Eastern Utah	2,045	122	0	0	0	0	122	0	1,923
Dixie College	2,487	0	0	0	0	0	0	0	2,487
ITT Technical Institute	60	0	0	0	0	0	0	0	60
Salt Lake Community Col	6,557	0	0	0	0	0	0	0	6,557
Snow College	1,563	28	28	0	0	0	0	0	1,535
Southern Utah University	3,504	98	0	0	0	0	0	98	3,406
Stevens Henanger Col Bus	753	0	0	0	0	0	0	0	753
University of Utah	100,128	85,856	70,877	9,398	0	2,022	840	2,719	14,272
Utah State University	75,655	63,010	53,430	272	0	420	517	8,371	12,645
Utah Valley Comm Col	4,357	128	20	0	0	0	108	0	4,229
Weber State University	8,865	232	3	0	0	0	0	229	8,633
Westminster College (UT)	1,099	14	14	0	0	0	0	0	1,085

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Vermont, total	65,626	44,735	37,872	361	32	1,063	310	5,097	20,891
Bennington College	582	32	0	0	32	0	0	0	550
Burlington College	471	0	0	0	0	0	0	0	471
Castleton State College	1,289	0	0	0	0	0	0	0	1,289
Champlain College	1,294	0	0	0	0	0	0	0	1,294
Cmty Col of Vermont	1,634	0	0	0	0	0	0	0	1,634
Col of St Joseph the Prov	302	0	0	0	0	0	0	0	302
Goddard College	323	0	0	0	0	0	0	0	323
Green Mountain College	469	0	0	0	0	0	0	0	469
Johnson State College	1,758	12	12	0	0	0	0	0	1,746
Lyndon State College	1,316	13	13	0	0	0	0	0	1,303
Marlboro College	265	0	0	0	0	0	0	0	265
Middlebury College	1,407	223	222	0	0	1	0	0	1,184
Norwich University	3,607	123	44	0	0	0	0	79	3,484
School for Intl Training	126	0	0	0	0	0	0	0	126
St Joseph Col (VT)	796	0	0	0	0	0	0	0	796
St Michael's College	1,446	470	0	0	0	1	0	469	976
Sterling Institute	57	0	0	0	0	0	0	0	57
Trinity Col (VT)	1,392	867	0	0	0	0	0	867	525
Univ of VT & St Agric Col	45,809	42,708	37,294	361	0	1,061	310	3,682	3,101
Vermont Law School	523	287	287	0	0	0	0	0	236
Vermont Technical College	760	0	0	0	0	0	0	0	760
Virginia, total	342,508	216,955	181,418	967	409	10,284	4,314	19,563	125,553
Averett College	493	0	0	0	0	0	0	0	493
Blue Ridge Community Col	341	0	0	0	0	0	0	0	341
Bluefield College	303	0	0	0	0	0	0	0	303
Bridgewater College	516	0	0	0	0	0	0	0	516
Central Virginia Cmty Col	510	0	0	0	0	0	0	0	510
College of William & Mary	8,027	6,718	5,662	0	0	201	590	265	1,309
Comm Hosp Roanoke Val Col	109	0	0	0	0	0	0	0	109
Commonwealth Coll, VA Bch	2,285	0	0	0	0	0	0	0	2,285
Commonwealth Coll, Norflk	1,128	0	0	0	0	0	0	0	1,128
Dabney Lancaster Cmty Col	812	0	0	0	0	0	0	0	812
Danville Community Col	790	0	0	0	0	0	0	0	790
E Mennonite Coll & Sem	1,362	1	0	0	0	1	0	0	1,361
Eastern Shore Cmty Col	269	0	0	0	0	0	0	0	269
Eastern VA Medical School	10,607	9,422	9,280	0	0	86	56	0	1,185
Emory & Henry College	481	0	0	0	0	0	0	0	481
Ferrum College	938	235	235	0	0	0	0	0	703
George Mason University	10,372	6,509	5,199	0	0	67	475	768	3,863
Germanna Community Col	254	0	0	0	0	0	0	0	254
Hampden-Sydney College	381	57	57	0	0	0	0	0	324
Hampton University	14,766	6,940	5,672	0	0	877	381	10	7,826
Hollins College	353	0	0	0	0	0	0	0	353
J Sgt Reynolds Com Col	1,253	0	0	0	0	0	0	0	1,253
James Madison University	2,343	506	252	0	5	0	0	249	1,837
John Tyler Community Col	1,063	69	0	0	69	0	0	0	994
Liberty University	4,198	0	0	0	0	0	0	0	4,198
Longwood College	1,051	117	45	0	0	0	0	72	934
Lord Fairfax Cmty College	369	14	0	0	14	0	0	0	355
Lynchburg College	643	0	0	0	0	0	0	0	643
Mary Baldwin College	521	0	0	0	0	0	0	0	521
Mary Washington College	781	39	0	0	39	0	0	0	742
Marymount Col of Virginia	466	0	0	0	0	0	0	0	466
Mountain Empire Cmty Col	2,335	31	31	0	0	0	0	0	2,304
National Business College	1,923	0	0	0	0	0	0	0	1,923

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Virginia, cont'd:									
New River Community Col	1,897	0	0	0	0	0	0	0	1,897
Norfolk State University	10,897	924	209	0	35	265	339	76	9,973
Northern VA Community Col	2,533	0	0	0	0	0	0	0	2,533
Old Dominion University	13,362	7,404	6,454	0	0	931	0	19	5,958
Patrick Henry Cmty Col	1,151	103	0	0	0	0	0	103	1,048
Paul D Camp Cmty College	785	0	0	0	0	0	0	0	785
Piedmont VA Community Col	718	0	0	0	0	0	0	0	718
Radford University	2,502	10	10	0	0	0	0	0	2,492
Randolph-Macon College	477	94	0	0	94	0	0	0	383
Randolph-Macon Womans Col	252	0	0	0	0	0	0	0	252
Rappahannock Cmty College	193	0	0	0	0	0	0	0	193
Roanoke College	850	58	0	0	0	0	58	0	792
Shenandoah University	726	38	0	0	0	0	0	38	688
Southern Seminary Jr Col	164	0	0	0	0	0	0	0	164
Southside VA Cmty College	1,317	0	0	0	0	0	0	0	1,317
Southwest VA Cmty Col	3,097	104	0	0	0	0	0	104	2,993
St Paul's Col (VA)	1,420	0	0	0	0	0	0	0	1,420
Sweet Briar College	216	0	0	0	0	0	0	0	216
Thomas Nelson Cmty Col	2,513	104	104	0	0	0	0	0	2,409
Tidewater Community Col	3,396	0	0	0	0	0	0	0	3,396
University of Richmond	1,241	402	288	0	36	0	78	0	839
University of Virginia	86,075	76,251	66,916	57	0	5,114	1,090	3,074	9,824
Virginia Commonwlth Univ	58,575	49,198	46,324	0	55	1,791	611	417	9,377
Virginia Intermont Col	546	0	0	0	0	0	0	0	546
Virginia Military Inst	1,501	73	73	0	0	0	0	0	1,428
Virginia State University	11,716	5,616	2,348	0	0	536	451	2,281	6,100
Virginia Union University	3,232	195	0	0	45	0	0	150	3,037
Virginia Wesleyan College	631	0	0	0	0	0	0	0	631
Virginia Western Comm Col	1,253	0	0	0	0	0	0	0	1,253
VA Highlands Cmty College	1,337	21	0	0	0	0	0	21	1,316
VA Polytech Inst & St U	53,513	45,445	32,033	910	17	414	155	11,916	8,068
Washington & Lee Univ	570	257	226	0	0	1	30	0	313
Wytheville Community Col	1,809	0	0	0	0	0	0	0	1,809
Washington, total	422,139	311,625	272,682	1,780	751	15,528	4,648	16,236	110,514
Art Institute of Seattle	1,180	0	0	0	0	0	0	0	1,180
Bellevue Community Col	1,279	0	0	0	0	0	0	0	1,279
Big Bend Community Col	962	0	0	0	0	0	0	0	962
Central Washington Univ	3,952	403	73	0	21	52	0	257	3,549
Centralia College	1,905	0	0	0	0	0	0	0	1,905
City College	389	8	0	0	0	8	0	0	381
Clark College	1,974	0	0	0	0	0	0	0	1,974
Cogswell College North	14	0	0	0	0	0	0	0	14
Columbia Basin College	1,655	100	0	0	0	100	0	0	1,555
Eastern Washington Univ	7,452	609	242	0	100	64	46	157	6,843
Edmonds Community College	1,199	22	0	0	0	0	22	0	1,177
Everett Community College	1,265	2	2	0	0	0	0	0	1,263
Evergreen State College	2,755	102	89	0	0	0	0	13	2,653
Fort Steilacoom Cmty Col	1,060	0	0	0	0	0	0	0	1,060
Gonzaga University	3,953	790	233	0	200	164	100	93	3,163
Grays Harbor College	1,075	0	0	0	0	0	0	0	1,075
Green River Cmty College	1,332	0	0	0	0	0	0	0	1,332
Griffin College	1,333	0	0	0	0	0	0	0	1,333
Heritage College	962	105	0	0	0	0	0	105	857
John Bastyr Col Med	69	0	0	0	0	0	0	0	69
Lower Columbia College	1,340	0	0	0	0	0	0	0	1,340
Northwest Indian College	1,532	7	7	0	0	0	0	0	1,525
NW Col Assemblies of God	531	0	0	0	0	0	0	0	531
Olympic College	1,311	1	1	0	0	0	0	0	1,310
Pacific Lutheran Univ	2,147	41	0	0	0	41	0	0	2,106
Puget Snd Christian Col	52	0	0	0	0	0	0	0	52
Seattle Community College	7,951	1,014	0	0	13	0	0	1,001	6,937
Seattle Pacific Univ	1,767	1	0	0	0	1	0	0	1,766
Seattle University	3,142	534	0	0	15	0	0	519	2,608
Shoreline Community Col	1,090	0	0	0	0	0	0	0	1,090
So Puget Sound Cmty Col	1,042	0	0	0	0	0	0	0	1,042
Spokane Community College	4,846	58	0	0	0	0	58	0	4,788
Spokane Falls Cmty Col	2,938	55	0	0	0	0	55	0	2,881
St Martin's College	526	0	0	0	0	0	0	0	526

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Washington, cont'd:									
Tacoma Community College	1,933	0	0	0	0	0	0	0	1,933
University of Puget Sound	2,527	192	172	0	0	20	0	0	2,335
University of Washington	294,482	272,312	245,288	546	213	14,409	3,741	8,115	22,170
Walla Walla College	1,375	25	25	0	0	0	0	0	1,350
Walla Walla Community Col	2,490	152	0	0	0	0	0	152	2,338
Washington State Univ	41,923	33,867	25,508	1,234	99	646	596	5,784	8,056
Wenatchee Valley Col	1,109	0	0	0	0	0	0	0	1,109
Western Washington Univ	4,892	796	724	0	49	23	0	0	4,096
Whatcom Community College	730	40	0	0	0	0	0	40	690
Whitman College	809	124	110	0	14	0	0	0	685
Whitworth College	1,587	265	208	0	27	0	30	0	1,322
Yakima Valley Cmty Col	2,304	0	0	0	0	0	0	0	2,304
West Virginia, total	93,405	46,241	33,711	2,487	0	2,241	279	7,523	47,164
Alderson Broaddus College	1,077	0	0	0	0	0	0	0	1,077
Appalachian Bible College	194	0	0	0	0	0	0	0	194
Beckley College	2,040	896	896	0	0	0	0	0	1,144
Bethany College (WV)	1,018	0	0	0	0	0	0	0	1,018
Bluefield State College	2,950	60	60	0	0	0	0	0	2,890
Davis & Elkins College	1,356	5	5	0	0	0	0	0	1,351
Fairmont State College	2,955	18	18	0	0	0	0	0	2,937
Glenville State College	1,957	0	0	0	0	0	0	0	1,957
Huntington Jr College	841	0	0	0	0	0	0	0	841
Marshall University	7,675	1,038	1,012	0	0	0	26	0	6,637
Mountain State College	572	0	0	0	0	0	0	0	572
Ohio Valley College	316	0	0	0	0	0	0	0	316
Potomac St Col of WVA Un	863	0	0	0	0	0	0	0	863
Salem College	1,203	0	0	0	0	0	0	0	1,203
Shepherd College	914	131	131	0	0	0	0	0	783
Southern W VA Cmty Col	1,478	0	0	0	0	0	0	0	1,478
U WV Col Graduate Studies	6	3	0	0	0	3	0	0	3
University of Charleston	692	0	0	0	0	0	0	0	692
W VA Northern Cmty Col	1,468	0	0	0	0	0	0	0	1,468
W VA Schl Osteopathic Med	197	0	0	0	0	0	0	0	197
West Liberty State Col	4,958	64	0	0	0	0	64	0	4,894
West Virginia Inst Tech	2,267	5	5	0	0	0	0	0	2,262
West Virginia State Col	456	305	305	0	0	0	0	0	151
West Virginia University	50,638	40,482	29,914	2,487	0	2,238	189	5,654	10,156
West Virginia Wesleyn Col	987	0	0	0	0	0	0	0	987
Wheeling College	4,212	3,119	1,250	0	0	0	0	1,869	1,093
WV Univ at Parkersburg	115	115	115	0	0	0	0	0	0
Wisconsin, total	378,276	254,804	219,233	5,301	924	10,342	2,470	16,534	123,472
Alverno College	1,445	0	0	0	0	0	0	0	1,445
Bellini Coll of Nursing	69	0	0	0	0	0	0	0	69
Beloit College	1,579	675	426	0	47	1	0	201	904
Cardinal Stritch College	692	60	0	0	0	0	0	60	632
Carroll College (WI)	1,351	88	88	0	0	0	0	0	1,263
Carthage College	1,018	0	0	0	0	0	0	0	1,018
Concordia University, WI	787	0	0	0	0	0	0	0	787
Edgewood College	452	0	0	0	0	0	0	0	452
Lac Courte Oreilles Ojbwa	648	0	0	0	0	0	0	0	648
Lakeland College	673	0	0	0	0	0	0	0	673
Lawrence University	835	150	102	0	47	1	0	0	685
Madison Business Col	101	101	0	0	0	0	0	101	0

See explanatory information, if any, and SOURCE at end of table.

BEST COPY AVAILABLE

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Wisconsin, cont'd:									
Maranatha Baptist Bible C	260	0	0	0	0	0	0	0	260
Marian Col of Fond Du Lac	813	0	0	0	0	0	0	0	813
Marquette University	11,116	3,256	2,890	0	42	257	67	0	7,860
Medical College of Wis	26,479	24,318	23,281	0	0	293	744	0	2,161
Milwaukee Area Tech Col	8,585	0	0	0	0	0	0	0	8,585
Milwaukee Inst Art & Dsgn	316	0	0	0	0	0	0	0	316
Milwaukee School of Eng	1,656	89	89	0	0	0	0	0	1,567
Milwaukee Stratton Col	760	0	0	0	0	0	0	0	760
Mount Mary College	734	0	0	0	0	0	0	0	734
Mount Senario College	891	0	0	0	0	0	0	0	891
North Central Tech Inst	2,166	0	0	0	0	0	0	0	2,166
Northland College	1,498	113	0	0	31	0	0	82	1,385
Northwestern Col (WI)	95	0	0	0	0	0	0	0	95
Ripon College	894	26	0	0	26	0	0	0	868
Silver Lake College	466	0	0	0	0	0	0	0	466
St Norbert College	1,286	15	15	0	0	0	0	0	1,271
Univ of Wis-Center System	1,490	1,490	1,445	0	61	-16	0	0	0
Univ of Wis-Eau Claire	7,333	467	274	0	55	1	0	137	6,866
Univ of Wis-Green Bay	3,090	7	0	0	0	7	0	0	3,083
Univ of Wis-La Crosse	5,105	442	112	0	125	0	0	205	4,663
Univ of Wis-Madison	213,442	205,012	179,079	5,301	252	7,927	597	11,856	8,430
Univ of Wis-Milwaukee	16,907	5,610	4,482	0	19	571	81	457	11,297
Univ of Wis-Oshkosh	5,267	371	120	0	112	64	0	75	4,896
Univ of Wis-Parkside	2,966	382	157	0	0	0	0	225	2,584
Univ of Wis-Platteville	3,473	31	0	0	31	0	0	0	3,442
Univ of Wis-River Falls	3,888	699	578	0	34	50	0	37	3,189
Univ of Wis-Stevens Point	7,034	378	343	0	24	11	0	0	6,656
Univ of Wis-Stout	6,412	857	807	0	0	0	0	50	5,555
Univ of Wis-Superior	2,686	511	511	0	0	0	0	0	2,175
Univ of Wis-Whitewater	4,497	270	0	0	0	0	185	85	4,227
Univ of Wisconsin Sys Off	23,571	9,368	4,434	0	0	1,175	796	2,963	14,203
Viterbo College	1,295	18	0	0	18	0	0	0	1,277
Western Wisc Tech Inst	2,014	0	0	0	0	0	0	0	2,014
Wisconsin Lutheran Col	141	0	0	0	0	0	0	0	141
Wyoming, total	23,321	14,268	10,886	0	0	464	41	2,877	9,053
Northwest College	46	46	46	0	0	0	0	0	0
University of Wyoming	21,792	14,206	10,824	0	0	464	41	2,877	7,586
Western Wyoming Cmty Col	16	16	16	0	0	0	0	0	0
Wyoming Technical Instit.	1,467	0	0	0	0	0	0	0	1,467
Guam, total	4,359	3,262	1,325	0	0	0	270	1,667	1,097
Guam Community College	422	0	0	0	0	0	0	0	422
University of Guam	3,937	3,262	1,325	0	0	0	270	1,667	675
Puerto Rico, total	289,747	38,504	21,650	0	69	1,466	5,451	9,868	251,243
American Univ Puerto Rico	9,764	201	0	0	0	0	0	201	9,563
Antillian College	1,698	0	0	0	0	0	0	0	1,698
Atlantic College	808	0	0	0	0	0	0	0	808
Bayamon Central Univ	5,565	0	0	0	0	0	0	0	5,565
Bayamon Tech Univ College	515	156	90	0	0	0	0	66	359
Caribbean University	4,768	97	0	0	0	0	0	97	4,671
Catholic Univ of PR	23,610	407	0	0	0	212	15	180	23,203
Center Adv Stud PR&Carib	4	0	0	0	0	0	0	0	4
Colegio Bib Pentecostl PR	131	0	0	0	0	0	0	0	131
Colegio Univ del Este	17,134	219	0	0	0	0	0	219	16,915

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Federal obligations to universities and colleges, by State, institution, and type of activity: fiscal year 1991

[Dollars in thousands]

State and institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Puerto Rico, cont'd:									
Consv of Music of PR	268	0	0	0	0	0	0	0	268
Huertas Junior College	4,525	0	0	0	0	0	0	0	4,525
Inst Tec Com De P Rico	2,640	0	0	0	0	0	0	0	2,640
Inter Am U PR-Ctrl Off	75,949	653	0	0	26	0	534	93	75,296
Inter Am U PR-San German	229	32	32	0	0	0	0	0	197
Inter Amer U of PR Metrop	214	214	188	0	0	0	26	0	0
Polytech Univ of PR	5,755	0	0	0	0	0	0	0	5,755
Ponce School of Medicine	2,731	2,466	1,792	0	0	0	674	0	265
Turabo University College	14,685	110	0	0	0	0	0	110	14,575
U Ctrl Del Caribe Esc Med	1,446	1,248	1,248	0	0	0	0	0	198
U PR - Carolina Reg Col	419	0	0	0	0	0	0	0	419
U PR - Regional Col Admn	57,590	100	0	0	0	0	0	100	57,490
U PR -La Montana Reg Col	340	0	0	0	0	0	0	0	340
Un of PR Arecibo Tech Un	369	0	0	0	0	0	0	0	369
Univ of the Sacred Heart	9,227	474	42	0	24	0	0	408	8,753
Univ of PR System Off	1,353	1,086	759	0	0	34	149	144	267
Univ of PR-Cayey U Col	747	232	0	0	0	0	232	0	515
Univ of PR-Humacao U Col	1,240	819	0	0	0	128	691	0	421
Univ of PR-Mayaguez	16,365	16,097	7,397	0	19	245	682	7,754	268
Univ of PR-Med Sci Cmpus	11,016	7,625	6,417	0	0	39	1,169	0	3,391
Univ of PR-Rio Piedras	6,518	5,831	3,685	0	0	808	1,279	59	687
Universidad Metropolitana	12,124	437	0	0	0	0	0	437	11,687
American Samoa, total	1,727	1,291	657	0	0	0	61	573	436
American Samoa Cmty Col	1,727	1,291	657	0	0	0	61	573	436
Virgin Islands, total	3,492	2,083	1,048	0	0	0	223	812	1,409
U of the Virgin Islands	3,492	2,083	1,048	0	0	0	223	812	1,409
Trust Territory Pac Isl, total	5,401	1,933	853	0	0	0	0	1,080	3,468
Cmty Col of Micronesia	2,894	849	334	0	0	0	0	515	2,045
Micronesian Occup College	1,423	0	0	0	0	0	0	0	1,423
No Marianas College	1,084	1,084	519	0	0	0	0	565	0

1/ See Technical Notes, "Scope of Survey."

NOTE: The appearance of negative numbers is a result of deobligations; see "Definitions" in Technical Notes.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
United States, total	17,414,781	876,162	135,550	1,729,637	5,342,935	662,223	115,925	6,124,906	100,420	592,923	1,642,261	91,839
Alabama, total	328,938	25,160	217	16,809	133,185	13,942	792	98,156	1,112	28,249	10,320	996
Al Christian Schl of Relg	46	0	0	0	46	0	0	0	0	0	0	0
Alabama A & M University	14,152	4,271	0	1,510	5,634	0	0	573	138	1,026	1,000	0
Alabama State University	9,436	0	0	0	9,034	0	0	366	0	0	36	0
Alexander City St Jr Col	37	0	0	0	0	0	0	0	0	0	37	0
Athens State College	886	0	0	0	886	0	0	0	0	0	0	0
Auburn University	32,561	15,054	67	3,610	5,649	1,417	405	848	280	3,272	1,736	223
Birmingham Southern Col	784	0	0	0	759	0	0	0	0	0	25	0
Bishop St Comm Col	2,173	0	0	0	2,044	0	0	129	0	0	0	0
Brewer State Junior Col	1,005	0	0	0	1,005	0	0	0	0	0	0	0
C A Fredd State Tech Coll	782	0	0	0	782	0	0	0	0	0	0	0
Calhoun State Cmty Col	55	0	0	0	0	0	0	0	0	0	55	0
Carver State Tech College	1,129	0	0	0	1,129	0	0	0	0	0	0	0
Chattahoochee Val St CC	612	0	0	0	612	0	0	0	0	0	0	0
Chauncey Sparks St Tech	1,675	0	0	0	775	900	0	0	0	0	0	0
Concordia College	1,213	0	0	0	1,213	0	0	0	0	0	0	0
Douglas Macarthur St Te C	911	0	0	0	911	0	0	0	0	0	0	0
Draughon's Junior College	442	0	0	0	442	0	0	0	0	0	0	0
Enterprise State JC	1,699	0	0	0	1,691	0	0	0	0	0	8	0
Faulkner State Junior Col	1,450	0	0	0	1,450	0	0	0	0	0	0	0
Faulkner University	1,505	0	0	0	1,505	0	0	0	0	0	0	0
G C Wallace St C C Dothan	1,242	0	0	0	1,242	0	0	0	0	0	0	0
G C Wallace St CC Selma	1,464	0	0	0	1,464	0	0	0	0	0	0	0
Gadsden State Cmty Col	297	0	0	0	0	0	0	0	297	0	0	0
Huntingdon College	257	0	0	0	257	0	0	0	0	0	0	0
J F Drake St Tech	942	0	0	0	942	0	0	0	0	0	0	0
Jacksonville State Univ	4,580	0	0	0	4,460	0	0	0	0	0	120	0
Jefferson Davis St Jr Col	901	0	0	0	901	0	0	0	0	0	0	0
Jefferson State Comm Coll	3,230	0	0	0	3,230	0	0	0	0	0	0	0
Judson College	171	0	0	0	171	0	0	0	0	0	0	0
Lawson State Cmty College	2,788	0	0	0	2,788	0	0	0	0	0	0	0
Livingston University	1,511	5	0	0	1,506	0	0	0	0	0	0	0
Lurleen B Wallace St Jr C	1,530	0	0	0	1,530	0	0	0	0	0	0	0
Marion Military Institute	255	0	0	164	91	0	0	0	0	0	0	0
Miles College	2,404	0	0	0	2,404	0	0	0	0	0	0	0
Mobile College	994	0	0	0	994	0	0	0	0	0	0	0
N F Nunnelly St Tech C	167	0	0	0	167	0	0	0	0	0	0	0
National Inst of Tech	55	0	0	0	55	0	0	0	0	0	0	0
Northeast Ala St Jr Col	793	0	0	0	793	0	0	0	0	0	0	0
Northwest AL Comm Coll	3,027	0	0	0	3,027	0	0	0	0	0	0	0
Oakwood College	2,548	0	0	0	2,342	0	0	206	0	0	0	0
Patrick Henry St Jr Col	1,240	0	0	0	1,240	0	0	0	0	0	0	0
R.E.T.S. Electronic Inst	1,071	0	0	0	1,071	0	0	0	0	0	0	0
Samford University	1,320	0	0	54	1,266	0	0	0	0	0	0	0
Selma University	1,247	0	0	0	946	0	0	301	0	0	0	0
Shelton State Cmty Col	2,161	0	0	0	2,161	0	0	0	0	0	0	0
Shoals Community College	1,297	0	0	0	1,297	0	0	0	0	0	0	0
Snead State Junior Col	802	0	0	0	802	0	0	0	0	0	0	0
Southeastern Bible Col	140	0	0	0	140	0	0	0	0	0	0	0
Southern Junior College	2,151	0	0	0	2,151	0	0	0	0	0	0	0
Southern Union St Jr Col	1,019	0	0	0	1,019	0	0	0	0	0	0	0
Southwest St Tech Col	907	0	0	0	907	0	0	0	0	0	0	0
Spring Hill College	922	0	0	49	873	0	0	0	0	0	0	0
Stillman College	3,301	0	0	0	3,012	0	0	289	0	0	0	0
Talladega College	3,583	0	0	0	2,965	0	0	396	0	0	222	0
The University of Alabama	18,676	0	100	4,244	8,274	1,283	2	1,403	397	687	2,286	0
Trenholm St Tech Col	1,798	0	0	0	1,798	0	0	0	0	0	0	0
Troy St U-Dothan-Ft Rucke	159	0	0	0	159	0	0	0	0	0	0	0
Troy St U-Montgomery	443	0	0	0	443	0	0	0	0	0	0	0
Troy St Univ Main Campus	4,431	0	0	210	4,189	0	0	32	0	0	0	0
Troy St Univ Sys Off	4,110	0	0	0	4,110	0	0	0	0	0	0	0
Tuskegee University	21,172	5,381	0	1,262	7,487	350	0	5,107	0	337	1,243	5
Univ of Alabama Sys Off	53	3	50	0	0	0	0	0	0	0	0	0
Univ of North Alabama	2,841	0	0	0	2,841	0	0	0	0	0	0	0
Univ of South Alabama	14,675	130	0	32	4,686	50	0	8,864	0	20	893	0
Univ Alabama Birmingham	106,807	310	0	2,101	6,906	9,942	50	79,393	0	5,369	1,968	768
Univ Alabama Huntsville	23,892	0	0	3,573	1,506	0	335	249	0	17,538	691	0
University of Montevallo	1,760	0	0	0	1,760	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Alabama, cont'd:												
Walker College	675	0	0	0	675	0	0	0	0	0	0	0
Walker State Tech C	1,439	0	0	0	1,439	0	0	0	0	0	0	0
Wallace St CC-Hanceville	3,137	6	0	0	3,131	0	0	0	0	0	0	0
Alaska, total	35,143	2,792	1,825	1,098	6,103	962	475	1,466	3,731	6,724	9,967	0
Alaska Bible College	15	0	0	0	15	0	0	0	0	0	0	0
Alaska Business College	505	0	0	0	505	0	0	0	0	0	0	0
Alaska Pacific University	189	0	0	40	149	0	0	0	0	0	0	0
Sheldon Jackson College	311	0	0	0	311	0	0	0	0	0	0	0
Univ of Alaska Anchorage	3,983	89	22	213	2,532	0	0	1,011	116	0	0	0
Univ of Alaska Fairbanks	27,631	2,703	1,803	845	2,391	962	475	455	1,306	6,724	9,967	0
Univ of Alaska Southeast	200	0	0	0	200	0	0	0	0	0	0	0
Univ of Alaska System Off	2,309	0	0	0	0	0	0	0	2,309	0	0	0
Arizona, total	199,448	8,340	496	13,790	48,888	4,971	960	63,929	8,555	18,322	30,034	1,163
Amer Grad Sch Intl Managm	354	0	0	0	354	0	0	0	0	0	0	0
American Indian Bible Ins	229	0	0	0	229	0	0	0	0	0	0	0
Arizona Col of the Bible	21	0	0	0	21	0	0	0	0	0	0	0
Arizona State University	43,633	219	25	3,544	17,438	3,020	186	5,756	0	2,590	10,730	125
Cochise College	65	0	0	65	0	0	0	0	0	0	0	0
Eastern Arizona College	1,382	0	0	0	1,382	0	0	0	0	0	0	0
Grand Canyon University	1,507	0	0	0	1,507	0	0	0	0	0	0	0
ITT Tech Inst - Phoenix	117	0	0	0	117	0	0	0	0	0	0	0
ITT Tech Inst - Tucson	80	0	0	0	80	0	0	0	0	0	0	0
Maricopa Co C C Sys Off	408	0	0	0	0	0	0	8	0	0	400	0
Navajo Community College	6,739	0	0	0	0	0	0	12	6,204	0	523	0
Northern Arizona Univ	15,522	349	67	164	9,564	0	0	1,111	1,304	338	2,625	0
Northland Pioneer College	927	0	0	0	927	0	0	0	0	0	0	0
Prescott College	683	0	0	0	683	0	0	0	0	0	0	0
South Mountain Cmty Col	1,043	0	0	0	1,043	0	0	0	0	0	0	0
SW Con Baptist Bible Coll	107	0	0	0	107	0	0	0	0	0	0	0
Univ & St Col of Ariz S O	523	0	0	523	0	0	0	0	0	0	0	0
University of Arizona	124,668	7,772	404	9,494	13,996	1,951	774	57,042	1,047	15,394	15,756	1,038
University of Phoenix	1,291	0	0	0	1,291	0	0	0	0	0	0	0
Western International U	149	0	0	0	149	0	0	0	0	0	0	0
Arkansas, total	124,118	22,759	100	1,705	79,385	702	94	14,115	578	349	3,530	801
Arkansas Baptist College	842	0	0	0	842	0	0	0	0	0	0	0
Arkansas College	1,137	0	0	59	1,062	0	0	0	0	16	0	0
Arkansas College of Tech	197	0	0	0	197	0	0	0	0	0	0	0
Arkansas State University	16,845	0	100	0	16,631	0	0	14	0	0	100	0
Arkansas Tech University	2,662	0	0	0	2,662	0	0	0	0	0	0	0
Capital City Junior Col	1,058	0	0	0	1,058	0	0	0	0	0	0	0
Central Baptist College	171	0	0	0	171	0	0	0	0	0	0	0
College of the Ozarks	792	0	0	0	792	0	0	0	0	0	0	0
Crowley's Ridge College	134	0	0	0	134	0	0	0	0	0	0	0
East Ark Cmty Col	1,375	0	0	0	1,375	0	0	0	0	0	0	0
Garland Co Cmty Col	1,384	0	0	0	1,384	0	0	0	0	0	0	0
Harding University	2,834	0	0	0	2,793	0	0	0	0	41	0	0
Henderson State Univ	3,072	0	0	0	3,064	0	0	0	0	0	8	0
Hendrix College	563	0	0	0	563	0	0	0	0	0	0	0
John Brown University	624	0	0	0	624	0	0	0	0	0	0	0
Ouachita Baptist Univ	2,146	0	0	292	1,854	0	0	0	0	0	0	0
Philander Smith College	3,071	5	0	0	2,948	0	0	117	0	0	0	1
Phillips County Cmty Col	1,770	0	0	0	1,770	0	0	0	0	0	0	0
Shorter College	598	0	0	0	598	0	0	0	0	0	0	0
Southern Arkansas Univ	3,925	0	0	247	3,645	0	0	0	0	0	33	0
U of Ark at Monticello	2,512	0	0	0	2,512	0	0	0	0	0	0	0
U of Arkansas Med Sci Cam	13,166	0	0	0	743	0	0	12,168	0	0	255	0
Univ of Ark Fayetteville	28,573	12,023	0	1,007	11,005	352	90	495	185	107	2,609	700
Univ of Ark Little Rock	15,289	7,420	0	100	5,842	350	0	648	219	185	525	0
Univ of Ark Pine Bluff	10,502	3,264	0	0	6,599	0	4	580	55	0	0	0
Univ of Ark Sys Off	328	47	0	0	0	0	0	62	119	0	0	100
Univ of Central Arkansas	5,688	0	0	0	5,657	0	0	31	0	0	0	0
Westark Community College	1,956	0	0	0	1,956	0	0	0	0	0	0	0
Williams Baptist College	904	0	0	0	904	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
California, total	1,887,307	31,372	8,434	187,595	311,502	90,292	6,340	853,129	8,469	133,259	248,152	8,763
Academy of Art	488	0	0	0	488	0	0	0	0	0	0	0
American Conserv Theatre	67	0	0	0	67	0	0	0	0	0	0	0
Art Ctr Col of Design	1,149	0	0	0	1,149	0	0	0	0	0	0	0
Art Inst of South Calif	92	0	0	0	92	0	0	0	0	0	0	0
Azusa Pacific University	1,314	0	0	0	975	0	0	339	0	0	0	0
Barstow College	332	0	0	0	332	0	0	0	0	0	0	0
Bethany Bible College	481	0	0	0	481	0	0	0	0	0	0	0
Biola University	976	0	0	0	976	0	0	0	0	0	0	0
Brooks Institute	275	0	0	0	275	0	0	0	0	0	0	0
Cal Col of Podiatric Med	459	0	0	0	318	0	0	141	0	0	0	0
Cal Inst Integral Studies	27	0	0	0	27	0	0	0	0	0	0	0
Cal Poly St U San Luis Ob	8,699	97	0	0	7,716	0	98	94	0	305	389	0
Cal Sch Prof Psych-Fresno	777	0	0	0	777	0	0	0	0	0	0	0
Cal Sch Prof Psych-L A	50	0	0	0	0	0	0	50	0	0	0	0
Cal St U - San Bernadino	3,089	0	0	0	3,007	0	0	0	0	0	82	0
Cal St U Dominguez Hills	4,398	0	0	0	2,619	0	0	455	0	0	1,324	0
Cal Western School of Law	234	0	0	0	234	0	0	0	0	0	0	0
Calif Inst of the Arts	586	0	0	0	586	0	0	0	0	0	0	0
Calif St Poly Univ Pomona	5,946	15	0	0	5,642	0	0	106	0	0	125	58
Calif St U Bakersfield	2,148	0	0	0	2,042	0	0	0	0	0	106	0
Calif St Univ & Col Sys O	38	0	26	0	0	0	0	0	0	0	12	0
Calif St Univ Fullerton	1,430	0	0	0	188	46	0	383	0	73	740	0
Calif St Univ Hayward	3,826	0	0	0	3,194	40	0	0	0	29	563	0
Calif St Univ Long Beach	10,716	0	0	449	7,540	0	100	1,784	0	110	733	0
Calif St Univ Los Angeles	12,352	0	0	0	6,734	40	0	2,800	0	24	2,754	0
Calif St Univ Northridge	9,730	0	0	0	8,204	62	0	445	0	309	710	0
Calif St Univ Sacramento	7,227	0	0	0	6,973	39	2	43	0	0	170	0
Calif St Univ Stanislaus	2,318	0	0	0	2,292	0	0	0	0	0	26	0
Calif State Univ Chico	8,357	0	100	0	7,955	0	0	0	0	274	28	0
Calif State Univ Fresno	7,562	9	12	0	7,183	0	0	179	0	179	0	0
California Baptist Col	447	0	0	0	447	0	0	0	0	0	0	0
California Inst of Tech	90,105	0	91	14,170	0	10,463	292	18,394	1,970	11,745	32,980	0
California Lutheran Col	1,198	0	0	0	1,166	0	0	0	0	0	32	0
California Maritime Acad	315	0	0	0	315	0	0	0	0	0	0	0
Canada College	494	0	0	0	494	0	0	0	0	0	0	0
Cerritos College	1,872	0	0	0	1,872	0	0	0	0	0	0	0
Cerro Coso Comm College	379	0	0	0	379	0	0	0	0	0	0	0
Chapman College	1,905	0	0	85	1,820	0	0	0	0	0	0	0
Charles R. Drew Med&Sci	7,015	0	0	0	770	0	0	6,245	0	0	0	0
Christian Heritage Coll	239	0	0	0	239	0	0	0	0	0	0	0
Church Div School Pacific	13	0	0	0	13	0	0	0	0	0	0	0
Claremont Mckenna College	572	0	0	5	444	0	0	0	0	40	83	0
Claremont U Ctr & Grad Sc	365	0	0	270	95	0	0	0	0	0	0	0
Cleveland Chiropractic C	198	0	0	0	198	0	0	0	0	0	0	0
Cogswell Polytech Coll	57	0	0	0	57	0	0	0	0	0	0	0
Col Osteo Med of Pacific	1,368	0	0	381	344	0	0	643	0	0	0	0
College of the Siskiyous	512	0	0	0	512	0	0	0	0	0	0	0
College of Notre Dame	273	0	0	0	273	0	0	0	0	0	0	0
College of Oceaneering	551	0	0	0	551	0	0	0	0	0	0	0
Ctr for Early Education	10	0	0	0	10	0	0	0	0	0	0	0
Cypress College	1,252	0	0	0	1,252	0	0	0	0	0	0	0
D-Q University	859	0	0	0	186	403	0	0	270	0	0	0
De Anza College	2,227	0	0	145	2,082	0	0	0	0	0	0	0
Dominican Col San Rafael	359	0	0	0	359	0	0	0	0	0	0	0
Don Bosco Technical Inst	50	0	0	0	50	0	0	0	0	0	0	0
East Los Angeles College	154	0	0	0	0	0	0	154	0	0	0	0
Fashion Inst-Desgn & Mer	2,235	0	0	0	2,235	0	0	0	0	0	0	0
Foothill College	1,592	0	0	0	0	0	0	0	0	1,558	34	0
Foothill-Deanza CC Sys Of	114	0	0	0	0	0	0	0	0	114	0	0
Fresno City College	3,936	0	0	0	3,936	0	0	0	0	0	0	0
Fresno Pacific College	515	0	0	0	515	0	0	0	0	0	0	0
Fuller Theological Sem	58	0	0	0	58	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
California, cont'd:												
Golden Gate University	488	0	0	0	488	0	0	0	0	0	0	0
Golden West College	55	0	0	0	0	0	0	0	0	0	55	0
Graduate Theol Union	56	0	0	0	56	0	0	0	0	0	0	0
Harvey Mudd College	2,451	0	0	176	1,055	0	0	104	0	0	1,116	0
Heald Bus Coll Rohmrt Pk	134	0	0	0	134	0	0	0	0	0	0	0
Heald Business College	254	0	0	0	254	0	0	0	0	0	0	0
Heald C-San Francisco	1,067	0	0	0	1,067	0	0	0	0	0	0	0
Heald C-Walnut Creek	139	0	0	0	139	0	0	0	0	0	0	0
Heald College-Oakland	196	0	0	0	196	0	0	0	0	0	0	0
Heald College-San Jose	132	0	0	0	132	0	0	0	0	0	0	0
Heald Inst Tech	177	0	0	0	177	0	0	0	0	0	0	0
Heald Inst Tech-San Fran	253	0	0	0	253	0	0	0	0	0	0	0
Holy Names College	303	0	0	0	303	0	0	0	0	0	0	0
Humboldt State University	759	294	0	0	41	0	0	0	254	82	88	0
Humphreys College	474	0	0	0	474	0	0	0	0	0	0	0
ITT Tech Inst-Buena Park	83	0	0	0	83	0	0	0	0	0	0	0
ITT Tech Inst-Van Nuys	86	0	0	0	86	0	0	0	0	0	0	0
ITT Tech Inst-West Cva	172	0	0	0	172	0	0	0	0	0	0	0
John F Kennedy University	378	0	0	0	378	0	0	0	0	0	0	0
LA City Jr Col Dist Sys	319	0	0	0	0	0	0	319	0	0	0	0
L.I.F.E. Bible College	237	0	0	0	237	0	0	0	0	0	0	0
Lassen College	930	0	0	0	930	0	0	0	0	0	0	0
Life Chiropractic College	136	0	0	0	0	0	0	136	0	0	0	0
Loma Linda University	6,976	0	0	445	2,283	0	0	3,913	16	0	319	0
Long Beach City College	4,908	0	0	0	4,908	0	0	0	0	0	0	0
Los Angeles Bapt Col&Sem	407	0	0	0	407	0	0	0	0	0	0	0
Los Angeles Valley Col	793	0	0	0	793	0	0	0	0	0	0	0
Louise Salinger Academy	42	0	0	0	42	0	0	0	0	0	0	0
Loyola Marymount Univ	3,034	0	0	122	2,912	0	0	0	0	0	0	0
Manor Fashion Institute	18	0	0	0	18	0	0	0	0	0	0	0
Marymount Palos Verde	282	0	0	0	282	0	0	0	0	0	0	0
Merritt College	163	0	0	0	0	0	0	163	0	0	0	0
Mills College	1,304	0	0	0	1,111	0	0	0	0	0	193	0
Mission College	755	0	0	0	755	0	0	0	0	0	0	0
Monterey Inst Intl Study	22	0	0	0	0	0	0	0	0	0	22	0
Monterey Peninsula Col	1,448	0	0	0	1,448	0	0	0	0	0	0	0
Mount San Antonio College	50	0	0	0	0	0	0	0	0	0	50	0
Mount St Mary's College	1,664	0	0	0	1,217	0	0	398	0	0	49	0
Napa Valley College	48	0	0	0	0	0	0	0	0	0	48	0
National Hispanic Univ.	1,214	0	0	85	928	99	0	0	0	102	0	0
National University	1,605	0	0	0	1,605	0	0	0	0	0	0	0
New College of California	792	0	0	0	792	0	0	0	0	0	0	0
Northrop University	363	0	0	0	363	0	0	0	0	0	0	0
Occidental College	1,406	0	0	103	0	0	0	188	0	0	1,115	0
Pac Coast Bptst Bible C	84	0	0	0	84	0	0	0	0	0	0	0
Pacific Christian College	258	0	0	0	258	0	0	0	0	0	0	0
Pacific Grad Sch of Psych	18	0	0	0	18	0	0	0	0	0	0	0
Pacific Lutheran Theo Sem	14	0	0	0	14	0	0	0	0	0	0	0
Pacific Oaks College	871	0	0	0	871	0	0	0	0	0	0	0
Pacific Sch of Religion	90	0	0	0	90	0	0	0	0	0	0	0
Pacific Union College	1,152	0	0	0	1,152	0	0	0	0	0	0	0
Patten College	501	0	0	0	501	0	0	0	0	0	0	0
Pepperdine University	1,489	0	0	0	1,433	0	0	0	0	0	56	0
Pitzer College	835	0	0	0	658	0	0	120	0	0	57	0
Point Loma College	990	0	0	0	884	0	0	79	0	0	27	0
Pomona College	1,325	0	0	0	982	0	0	90	0	0	253	0
Rio Hondo College	2,544	0	0	0	2,544	0	0	0	0	0	0	0
Riverside City College	1,420	0	0	0	1,420	0	0	0	0	0	0	0
Saddleback College	713	0	0	0	689	0	0	0	0	0	24	0
San Diego City College	17,795	0	0	17,795	0	0	0	0	0	0	0	0
San Diego Miramar College	458	0	0	0	458	0	0	0	0	0	0	0
San Diego State Univ	26,062	23	60	78	9,585	1,501	100	10,391	105	487	3,732	0
San Francisco State Univ	11,887	119	0	325	9,111	95	0	949	40	227	1,021	0
San Joaquin Delta College	3,347	0	0	0	3,347	0	0	0	0	0	0	0
San Jose Bible College	176	0	0	0	176	0	0	0	0	0	0	0
San Jose City College	43	0	0	43	0	0	0	0	0	0	0	0
San Jose State University	18,143	72	154	100	9,070	60	0	1,724	12	4,807	2,144	0
Santa Clara University	2,356	0	0	299	1,476	0	0	0	0	159	422	0
Santa Rosa Junior College	32	0	0	0	0	0	0	0	0	0	32	0
Sch of Theology Claremont	66	0	0	0	66	0	0	0	0	0	0	0
Scripps College	502	0	0	0	502	0	0	0	0	0	0	0
Sierra College	763	0	0	0	763	0	0	0	0	0	0	0
Simpson College (Cal)	434	0	0	0	434	0	0	0	0	0	0	0
Skyline College	1,056	0	0	0	1,056	0	0	0	0	0	0	0
Solano Co Cmty College	951	0	0	0	951	0	0	0	0	0	0	0
Sonoma State University	3,857	0	0	0	3,497	0	0	249	0	111	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
California, cont'd:												
Southern Cal Col Optmtry	251	0	0	0	205	0	0	46	0	0	0	0
Southern California Col	717	0	0	34	683	0	0	0	0	0	0	0
Southwestern College	2,295	0	0	0	2,276	0	0	0	0	0	19	0
Southwestern U Sch of Law	427	0	0	0	427	0	0	0	0	0	0	0
St John's Col Calif	136	0	0	0	136	0	0	0	0	0	0	0
St Joseph's College	40	0	0	0	40	0	0	0	0	0	0	0
St Mary's Col California	694	0	0	0	678	0	0	0	0	0	16	0
Stanford University	268,088	140	30	29,824	8,327	21,798	2,259	117,742	80	55,003	32,885	0
State Ctr Comm Coll Dist	100	0	100	0	0	0	0	0	0	0	0	0
Taft College	320	0	0	0	320	0	0	0	0	0	0	0
U of Cal Sys Wide Prgms	20,182	11,218	4,492	0	579	0	0	0	832	408	0	2,653
Univ of Cal Berkeley	168,621	10,291	120	11,456	24,122	4,408	839	53,699	1,957	19,827	40,732	1,170
Univ of Cal Davis	100,155	5,836	20	1,535	12,145	12,298	636	50,499	336	1,988	10,784	4,078
Univ of Cal Irvine	63,307	210	0	6,977	8,027	4,091	121	35,332	0	1,520	7,029	0
Univ of Cal Los Angeles	229,566	343	0	17,137	19,102	17,991	695	145,477	0	7,813	20,727	281
Univ of Cal Riverside	16,984	2,154	0	257	3,618	1,456	378	5,163	0	388	3,570	0
Univ of Cal San Diego	202,857	135	454	21,932	6,726	5,343	163	116,164	0	16,123	35,817	0
Univ of Cal San Francisco	197,031	0	0	1,212	0	3,580	161	188,209	0	919	2,950	0
Univ of Cal Santa Barbara	55,636	313	335	12,650	8,346	3,691	457	5,322	209	3,932	19,908	473
Univ of Cal Santa Cruz	21,756	102	0	1,019	5,642	1,761	0	5,187	25	1,078	6,942	0
Univ of San Francisco	3,095	0	0	138	2,240	0	0	255	0	240	222	0
Univ of Southern Cal	162,790	0	2,440	47,250	14,944	1,027	39	77,154	2,363	3,285	14,238	50
Univ of West Los Angeles	30	0	0	0	30	0	0	0	0	0	0	0
University of the Pacific	4,554	1	0	31	2,969	0	0	1,298	0	0	255	0
University of La Verne	1,408	0	0	0	1,408	0	0	0	0	0	0	0
University of Redlands	1,072	0	0	0	1,072	0	0	0	0	0	0	0
University of San Diego	2,780	0	0	1,067	899	0	0	504	0	0	310	0
US International Univ	799	0	0	0	799	0	0	0	0	0	0	0
Victor Valley College	1,393	0	0	0	1,393	0	0	0	0	0	0	0
West Coast Bible College	189	0	0	0	189	0	0	0	0	0	0	0
West Coast University	112	0	0	0	112	0	0	0	0	0	0	0
West Hills College	1,126	0	0	0	1,126	0	0	0	0	0	0	0
West Los Angeles College	780	0	0	0	780	0	0	0	0	0	0	0
Westmont College	664	0	0	0	630	0	0	0	0	0	34	0
Westrn St U C Law Sys Off	510	0	0	0	510	0	0	0	0	0	0	0
Whittier College	688	0	0	0	688	0	0	0	0	0	0	0
Woodbury University	488	0	0	0	488	0	0	0	0	0	0	0
World College West	121	0	0	0	121	0	0	0	0	0	0	0
Wstrn St U Col Law S Dieg	71	0	0	0	71	0	0	0	0	0	0	0
Yeshiva Ohr Elchonon	67	0	0	0	67	0	0	0	0	0	0	0
Yuba College	2,220	0	0	0	2,220	0	0	0	0	0	0	0
Colorado, total	300,486	10,815	15,193	18,479	81,006	6,897	2,663	104,726	3,340	19,676	36,407	1,284
Adams State College	2,674	1	0	0	2,627	0	0	0	10	0	36	0
Arapahoe Community Col	1,455	0	0	0	1,455	0	0	0	0	0	0	0
Bel-Rea Inst Anml Tec	226	0	0	0	226	0	0	0	0	0	0	0
Beth-El College Nursing	139	0	0	0	139	0	0	0	0	0	0	0
Blair Junior College	954	0	0	0	954	0	0	0	0	0	0	0
Colorado Christian Univ	558	0	0	0	558	0	0	0	0	0	0	0
Colorado College	1,052	0	0	51	954	0	0	0	0	5	42	0
Colorado School of Mines	3,810	162	0	942	0	873	250	0	616	70	897	0
Colorado State University	61,656	10,602	2,375	4,767	9,312	1,474	976	19,158	1,433	1,828	9,052	679
Colorado Technical Col	682	0	0	41	641	0	0	0	0	0	0	0
Community Col Aurora	1,157	0	0	89	1,068	0	0	0	0	0	0	0
Community College Denver	2,808	0	0	0	2,808	0	0	0	0	0	0	0
Denver Inst of Technology	1,029	0	0	0	1,029	0	0	0	0	0	0	0
Denver Technical College	942	0	0	0	942	0	0	0	0	0	0	0
Fort Lewis College	1,978	30	0	0	1,584	0	0	105	5	0	254	0
Front Range Comm College	2,866	0	0	0	2,865	0	0	0	0	0	0	1
Iliff School of Theology	66	0	0	0	66	0	0	0	0	0	0	0
ITT Technical Institute	50	0	0	0	50	0	0	0	0	0	0	0
Lamar Community College	849	0	0	0	849	0	0	0	0	0	0	0
Mesa State College	3,534	1	0	0	3,533	0	0	0	0	0	0	0
Metropoltn St Coll Denver	8,849	1	0	0	8,465	0	0	0	0	0	183	200
Morgan County CC	277	0	0	0	277	0	0	0	0	0	0	0
Naropa Institute	343	0	0	0	343	0	0	0	0	0	0	0
National Tech University	100	0	100	0	0	0	0	0	0	0	0	0
Nazarene Bible College	506	0	0	0	506	0	0	0	0	0	0	0
Otero Junior College	799	1	0	0	798	0	0	0	0	0	0	0
Pikes Peak Community Col	4,230	0	0	271	3,959	0	0	0	0	0	0	0
Red Rocks Comm College	1,602	0	0	0	1,602	0	0	0	0	0	0	0
Regis College	2,635	0	0	108	2,518	0	0	9	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Colorado, cont'd:												
St Thomas Seminary	735	0	0	717	18	0	0	0	0	0	0	0
Technical Trades Institut	801	0	0	0	801	0	0	0	0	0	0	0
Trinidad State Junior Col	2,444	0	0	0	2,444	0	0	0	0	0	0	0
Univ of Northern Colorado	7,382	1	0	0	5,478	0	0	622	0	0	1,281	0
Univ of Southern Colorado	6,073	0	0	0	5,093	0	0	406	0	509	65	0
University of Colorado	166,735	16	12,718	9,523	15,438	4,491	1,330	81,791	1,276	16,639	23,109	404
University of Denver	6,839	0	0	1,970	0	59	107	2,635	0	625	1,443	0
Western St Col Colorado	1,623	0	0	0	1,578	0	0	0	0	0	45	0
Yeshiva T Chaim Tal Sem	28	0	0	0	28	0	0	0	0	0	0	0
Connecticut, total	266,051	4,989	3,828	7,994	39,615	10,664	731	176,809	120	1,695	19,449	157
Albertus Magnus College	239	0	0	0	239	0	0	0	0	0	0	0
Asnuntuck CC	197	0	0	0	197	0	0	0	0	0	0	0
Bais Binyomin Academy	59	0	0	0	59	0	0	0	0	0	0	0
Briarwood College	113	0	0	0	113	0	0	0	0	0	0	0
Central Conn State Univ	1,718	0	0	0	1,605	0	0	113	0	0	0	0
Connecticut College	953	0	0	0	879	0	0	62	0	0	12	0
Eastern Conn State Univ	1,174	0	0	0	1,174	0	0	0	0	0	0	0
Fairfield University	1,616	0	0	0	1,227	51	0	0	0	0	338	0
Greater Hartford Cmty Col	875	0	0	0	875	0	0	0	0	0	0	0
Greater New Haven St Tech	130	0	0	0	130	0	0	0	0	0	0	0
Hartford Col for Women	102	0	0	0	102	0	0	0	0	0	0	0
Holy Apostles College	65	0	0	0	65	0	0	0	0	0	0	0
Housatonic Cmty Col	662	0	0	0	662	0	0	0	0	0	0	0
Manchester Community Col	1,022	0	0	0	1,022	0	0	0	0	0	0	0
Mattatuck Community Col	976	0	0	0	976	0	0	0	0	0	0	0
Middlesex Cmty Col (Conn)	436	0	0	0	436	0	0	0	0	0	0	0
Mitchell College	266	0	0	0	266	0	0	0	0	0	0	0
Mohegan Community Col	441	0	0	0	441	0	0	0	0	0	0	0
Northwstrn Conn Cmty Col	327	0	0	0	327	0	0	0	0	0	0	0
Norwalk Community Col	566	0	0	0	566	0	0	0	0	0	0	0
Quinebaug Valley CC	585	0	0	0	585	0	0	0	0	0	0	0
Quinnipiac College	759	0	0	0	759	0	0	0	0	0	0	0
Sacred Heart University	934	0	0	0	915	0	0	19	0	0	0	0
South Central Cmty Col	688	0	0	0	688	0	0	0	0	0	0	0
Southern Conn State Univ	2,142	0	0	0	2,034	0	0	32	0	0	76	0
St Basil's College	10	0	0	0	10	0	0	0	0	0	0	0
St Joseph College	455	0	0	0	361	0	0	0	0	0	94	0
Teikyo Post University	465	0	0	0	465	0	0	0	0	0	0	0
Trinity College	1,533	0	0	0	1,349	0	0	0	0	0	184	0
Tunxis Community College	304	0	0	0	304	0	0	0	0	0	0	0
University of Bridgeport	2,187	0	0	0	2,187	0	0	0	0	0	0	0
University of Connecticut	56,855	4,756	3,804	2,134	7,067	798	523	32,589	105	294	4,628	157
University of Hartford	2,230	0	0	0	1,975	0	0	0	0	0	255	0
University of New Haven	1,115	0	0	0	1,075	40	0	0	0	0	0	0
Waterbury State Tech Col	110	0	0	0	110	0	0	0	0	0	0	0
Wesleyan University	4,653	0	0	49	2,282	0	30	947	0	0	1,345	0
Western Conn State Univ	675	0	0	0	675	0	0	0	0	0	0	0
Yale University	178,414	233	24	5,811	5,413	9,775	178	143,047	15	1,401	12,517	0
Delaware, total	36,985	4,789	1,710	3,956	12,995	760	379	4,517	236	1,614	6,028	1
Delaware State College	4,851	1,409	0	98	2,797	0	2	545	0	0	0	0
Delaware Tech & Cmty Col	4,216	2	0	0	4,212	0	2	0	0	0	0	0
Goldey Beacom College	366	0	0	0	366	0	0	0	0	0	0	0
University of Delaware	26,128	3,378	1,710	3,208	4,846	760	375	3,972	236	1,614	6,028	1
Wesley College	1,161	0	0	650	511	0	0	0	0	0	0	0
Wilmington College	263	0	0	0	263	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
District of Columbia, total	355,473	2,344	421	24,922	241,308	1,367	870	63,011	145	7,195	12,890	1,000
American University	5,835	26	0	1,512	3,077	0	2	488	0	105	625	0
Catholic Univ of America	6,190	100	205	2,111	1,199	287	50	897	0	772	569	0
Corcoran School of Art	212	0	0	0	181	0	0	0	0	31	0	0
Gallaudet University	52,263	0	0	0	51,323	0	0	348	0	71	521	0
George Washington Univ	34,461	0	103	5,575	6,063	687	247	16,813	40	3,638	1,295	0
Georgetown University	56,967	552	65	13,650	6,600	350	359	32,924	0	0	1,467	1,000
Howard University	191,540	80	48	1,751	168,931	43	208	10,829	0	1,804	7,846	0
Mount Vernon College	132	0	0	0	132	0	0	0	0	0	0	0
Southeastern University	147	0	0	0	147	0	0	0	0	0	0	0
Strayer College	914	0	0	0	914	0	0	0	0	0	0	0
Trinity College	443	0	0	0	443	0	0	0	0	0	0	0
University of D C	6,352	1,586	0	323	2,281	0	4	712	105	774	567	0
Wesley Theol Sem	17	0	0	0	17	0	0	0	0	0	0	0
Florida, total	430,172	21,174	6,536	36,771	159,947	15,891	2,823	123,579	1,727	11,357	48,519	1,848
Art Inst of Ft Lauderdale	2,028	0	0	0	2,028	0	0	0	0	0	0	0
Barry University	1,830	0	0	0	994	0	0	836	0	0	0	0
Bethune Cookman College	6,827	0	0	0	5,872	0	0	875	0	75	5	0
Clearwater Christian Col	274	0	0	0	274	0	0	0	0	0	0	0
College of Boca Raton	232	0	0	0	232	0	0	0	0	0	0	0
Eckerd College	1,113	0	0	63	905	0	0	0	0	0	145	0
Edward Waters College	2,280	0	0	0	2,280	0	0	0	0	0	0	0
Embry-Riddle Aero Univ	6,942	0	46	2,106	4,057	0	0	0	0	0	329	404
Flagler College	469	0	0	0	469	0	0	0	0	0	0	0
Florida A & M University	27,016	3,258	100	6,823	11,415	23	0	2,490	0	1,465	1,350	92
Florida Atlantic Univ	7,828	10	5	1,119	4,728	69	0	894	0	315	688	0
Florida Bible College	102	0	0	0	102	0	0	0	0	0	0	0
Florida College	99	0	0	0	99	0	0	0	0	0	0	0
Florida Inst of Tech	2,175	0	0	770	0	0	207	816	0	152	230	0
Florida International U	8,545	0	0	521	5,861	0	294	866	75	65	794	69
Florida Memorial College	4,478	0	0	0	4,478	0	0	0	0	0	0	0
Florida Southern College	751	0	0	158	593	0	0	0	0	0	0	0
Florida State University	56,223	0	456	1,352	10,288	12,377	603	4,401	0	1,871	24,492	383
Fort Lauderdale Univ	3,728	0	0	0	3,728	0	0	0	0	0	0	0
FL Comm Col-Jacksonville	87	0	0	87	0	0	0	0	0	0	0	0
Hillsborough Cmty College	3,288	0	0	0	3,288	0	0	0	0	0	0	0
Hobe Sound Bible College	132	0	0	0	132	0	0	0	0	0	0	0
Indian River Cmty College	97	0	0	0	0	0	0	97	0	0	0	0
International Fine Arts C	722	0	0	0	722	0	0	0	0	0	0	0
ITS Career Inst Jksonvl	295	0	0	0	295	0	0	0	0	0	0	0
ITS Career Inst-Miami	252	0	0	0	252	0	0	0	0	0	0	0
ITT Tech Institute	60	0	0	0	60	0	0	0	0	0	0	0
Jacksonville University	1,912	0	0	389	1,315	0	0	208	0	0	0	0
Jones College	5,607	0	0	0	5,607	0	0	0	0	0	0	0
Keiser Coll of Technology	878	0	0	0	878	0	0	0	0	0	0	0
Liberty Bible College	114	0	0	0	114	0	0	0	0	0	0	0
Miami Christian College	211	0	0	0	211	0	0	0	0	0	0	0
Miami-Dade Cmty College	21,602	0	0	0	21,439	0	0	163	0	0	0	0
New Eng Inst Tec-Palm Bch	840	0	0	0	840	0	0	0	0	0	0	0
Nova University	3,400	0	64	188	1,952	0	0	216	0	0	980	0
Palm Beach Atlantic Coll	720	0	0	0	720	0	0	0	0	0	0	0
Palm Beach Junior College	19	0	0	0	0	0	0	0	0	0	19	0
Pensacola Junior College	4,702	0	0	0	4,702	0	0	0	0	0	0	0
Phillips Junior College	2,986	0	0	0	2,986	0	0	0	0	0	0	0
Polk Community College	11	0	0	0	0	0	0	0	0	0	0	0
Prospect Hall College	625	0	0	0	625	0	0	0	0	0	11	0
Rollins College	1,191	0	0	0	1,191	0	0	0	0	0	0	0
Santa Fe Community Col	405	0	0	68	0	0	0	284	0	0	53	0
Seminole Community Col	1,382	0	0	0	1,382	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Florida, cont'd:												
Sestrn Col-Assemb of God	1,096	0	0	0	1,096	0	0	0	0	0	0	0
St John Vianney Col Sem	36	0	0	0	36	0	0	0	0	0	0	0
St Leo College	883	0	0	0	883	0	0	0	0	0	0	0
St. Thom of Villanova U	1,817	0	0	0	1,817	0	0	0	0	0	0	0
State Univ Sys of Fla Off	149	66	83	0	0	0	0	0	0	0	0	0
Stetson University	1,326	0	0	123	1,156	0	0	0	0	0	47	0
SE Univ Health Sciences	1,824	0	0	213	0	0	0	1,611	0	0	0	0
Talmudic Col of Florida	150	0	0	0	150	0	0	0	0	0	0	0
Tampa College	1,772	0	0	0	1,772	0	0	0	0	0	0	0
Tampa Technical Institute	110	0	0	0	110	0	0	0	0	0	0	0
Univ of Central Florida	13,062	0	0	3,365	6,260	0	19	370	0	1,530	1,518	0
Univ of South Florida	26,115	80	495	1,659	10,464	159	58	9,718	907	887	1,688	0
Univ of West Florida	3,707	0	90	300	2,567	40	557	103	0	0	50	0
University of Florida	99,483	17,759	1,946	10,169	14,361	2,999	732	39,505	745	2,796	7,571	900
University of Miami	89,705	1	3,251	6,408	8,592	224	353	60,126	0	2,201	8,549	0
University of North Fla	2,083	0	0	0	2,083	0	0	0	0	0	0	0
University of Sarasota	21	0	0	0	21	0	0	0	0	0	0	0
University of Tampa	1,813	0	0	890	923	0	0	0	0	0	0	0
Warner Southern College	371	0	0	0	371	0	0	0	0	0	0	0
Webber College	171	0	0	0	171	0	0	0	0	0	0	0
Georgia, total	378,082	26,294	2,797	82,374	96,820	18,362	6,969	107,033	770	9,153	24,282	3,228
Abraham Baldwin Agric Col	1,953	0	0	0	1,911	42	0	0	0	0	0	0
Agnes Scott College	348	0	0	0	348	0	0	0	0	0	0	0
Albany State College	4,661	0	0	0	4,233	0	0	428	0	0	0	0
American Coll for App Art	491	0	0	0	491	0	0	0	0	0	0	0
Andrew College	238	0	0	0	238	0	0	0	0	0	0	0
Armstrong State College	1,391	0	0	0	1,358	0	0	0	0	0	33	0
Art Institute of Atlanta	1,193	0	0	0	1,193	0	0	0	0	0	0	0
Atlanta Christian Col	175	0	0	0	175	0	0	0	0	0	0	0
Atlanta University Center	2,662	0	0	0	0	2,662	0	0	0	0	0	0
Bainbridge College	374	0	0	0	374	0	0	0	0	0	0	0
Bauder Finshng & Career C	270	0	0	0	270	0	0	0	0	0	0	0
Berry College	808	0	0	0	808	0	0	0	0	0	0	0
Brenau College	382	0	0	0	382	0	0	0	0	0	0	0
Brewton-Parker College	2,533	0	0	0	2,533	0	0	0	0	0	0	0
Clark Atlanta University	12,389	26	80	2,103	1,319	581	2,037	2,884	86	85	3,188	0
Clayton Junior College	639	0	0	0	639	0	0	0	0	0	0	0
Columbus College	1,864	0	0	0	1,864	0	0	0	0	0	0	0
Crandall Junior College	765	0	0	0	765	0	0	0	0	0	0	0
Dalton College	566	0	0	0	566	0	0	0	0	0	0	0
Darton College	9	0	0	0	0	0	0	0	0	0	9	0
Emmanuel College	384	0	0	0	384	0	0	0	0	0	0	0
Emory University	69,345	270	0	1,141	3,789	424	0	60,806	0	270	2,645	0
Floyd College	740	0	0	0	740	0	0	0	0	0	0	0
Fort Valley State College	9,103	3,611	0	202	5,037	203	0	0	0	0	50	0
Gainesville College	1,949	0	0	0	1,949	0	0	0	0	0	0	0
Georgia College	1,443	0	0	0	1,443	0	0	0	0	0	0	0
Georgia Institute of Tech	94,779	242	1,580	69,153	0	1,507	2,952	3,950	279	5,188	8,996	932
Georgia Military College	817	0	0	35	782	0	0	0	0	0	0	0
Georgia Southern Univ	5,416	0	0	0	4,066	0	0	1,256	0	19	75	0
Georgia Southwestern Col	1,522	0	0	0	1,501	0	0	0	0	0	21	0
Georgia State University	11,708	0	0	137	5,170	222	199	4,467	0	225	1,288	0
Gordon College	618	0	0	0	618	0	0	0	0	0	0	0
Inst of Paper Sci & Tech	598	0	0	0	0	598	0	0	0	0	0	0
Interdenomina Theol Ctr	75	0	0	0	75	0	0	0	0	0	0	0
Kennesaw College	1,724	0	0	0	1,624	0	0	0	0	0	100	0
La Grange College	459	0	0	0	459	0	0	0	0	0	0	0
Life College	473	0	0	0	473	0	0	0	0	0	0	0
Macon College	1,241	0	0	0	1,241	0	0	0	0	0	0	0
Massey Business College	1,539	0	0	0	1,539	0	0	0	0	0	0	0
Medical Col of Georgia	10,179	0	0	64	445	0	0	9,615	0	0	55	0
Mercer University	11,872	0	0	7,529	3,518	0	0	552	0	0	273	0
Middle Georgia College	726	0	0	0	726	0	0	0	0	0	0	0
Morehouse College	9,410	55	0	269	4,341	75	108	1,525	0	1,686	1,276	75
Morehouse School of Med	14,469	0	0	0	4,833	0	340	9,241	0	0	55	0
Morris Brown College	5,444	0	0	277	4,816	0	0	351	0	0	0	0
North Georgia College	677	0	0	0	677	0	0	0	0	0	0	0
Oglethorpe University	422	0	0	0	422	0	0	0	0	0	0	0
Paine College	2,459	0	0	0	2,364	0	0	95	0	0	0	0
Piedmont College	229	0	0	0	229	0	0	0	0	0	0	0
Reinhardt College	208	0	0	0	208	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Georgia, cont'd:												
Savannah State College	4,464	0	16	0	4,305	0	0	143	0	0	0	0
Shorter College	364	0	0	0	364	0	0	0	0	0	0	0
South Georgia College	1,246	0	0	0	1,246	0	0	0	0	0	0	0
Southern College of Tech	929	2	0	0	842	0	0	0	0	0	85	0
Spelman College	4,772	0	0	27	2,408	0	26	723	0	1,224	364	0
Thomas County Cmty Coll	400	0	0	0	400	0	0	0	0	0	0	0
Toccoa Falls College	775	0	0	0	775	0	0	0	0	0	0	0
Truett Mcconnell College	411	0	0	0	411	0	0	0	0	0	0	0
Univ System of Georgia	2,117	0	0	0	0	2,099	0	0	18	0	0	0
University of Georgia	62,684	22,088	1,121	1,437	6,952	9,949	1,307	10,997	387	456	5,769	2,221
Valdosta State College	3,390	0	0	0	3,390	0	0	0	0	0	0	0
Wesleyan College	379	0	0	0	379	0	0	0	0	0	0	0
West Georgia College	2,287	0	0	0	2,287	0	0	0	0	0	0	0
Young Harris College	125	0	0	0	125	0	0	0	0	0	0	0
Hawaii, total	83,720	12,940	6,524	7,320	17,442	2,400	3	14,024	541	7,131	13,107	2,188
Chaminade U of Honolulu	785	0	0	0	785	0	0	0	0	0	0	0
Hawaii Loa College	393	0	0	0	366	0	0	27	0	0	0	0
Hawaii Pacific College	1,047	0	0	0	1,047	0	0	0	0	0	0	0
Honolulu Cmty College	527	0	0	0	527	0	0	0	0	0	0	0
Kapiolani Cmty College	834	0	0	0	834	0	0	0	0	0	0	0
Kauai Cmty College	511	0	0	0	511	0	0	0	0	0	0	0
Leeward Cmty College	611	0	0	0	611	0	0	0	0	0	0	0
Maui Community College	488	0	0	0	488	0	0	0	0	0	0	0
Univ of Hawaii - W. Oahu	175	95	0	0	80	0	0	0	0	0	0	0
Univ of Hawaii Sys Off	12,144	0	6,296	4,877	250	5	0	25	641	0	0	50
Univ of Hawaii-Manoa	62,744	12,845	228	2,443	9,023	2,395	3	13,431	0	7,131	13,107	2,138
Univ Hawaii at Hilo	3,461	0	0	0	2,920	0	0	541	0	0	0	0
Idaho, total	57,715	9,435	50	6,619	32,507	993	136	1,085	1,200	1,704	3,380	606
Boise Bible College	76	0	0	0	76	0	0	0	0	0	0	0
Boise State University	8,170	30	50	131	7,580	0	0	0	22	0	150	207
College of Idaho	535	0	0	0	535	0	0	0	0	0	0	0
College of Southern Idaho	3,179	0	0	0	3,179	0	0	0	0	0	0	0
Idaho State University	8,555	59	0	313	6,699	774	0	663	1	0	46	0
Lewis-Clark State College	2,311	0	0	0	2,265	0	0	46	0	0	0	0
Northwest Nazarene Col	913	0	0	26	873	0	0	0	0	0	14	0
Ricks College	4,842	0	0	0	4,842	0	0	0	0	0	0	0
University of Idaho	29,134	9,346	0	6,149	6,458	219	136	376	1,177	1,704	3,170	399
Illinois, total	636,989	23,431	2,373	40,742	210,527	23,971	1,772	211,519	978	11,312	107,994	2,350
A Adler Inst of Chicago	7	0	0	0	7	0	0	0	0	0	0	0
Amer Acad of Art	198	0	0	0	198	0	0	0	0	0	0	0
Amer Conserv of Music	62	0	0	0	62	0	0	0	0	0	0	0
Augustana College	1,519	0	0	0	1,489	0	0	0	0	0	30	0
Aurora College	872	0	0	0	830	0	0	42	0	0	0	0
Barat College	483	0	0	0	483	0	0	0	0	0	0	0
Bethany Theol Sem	29	0	0	0	29	0	0	0	0	0	0	0
Blackburn College	435	0	0	0	435	0	0	0	0	0	0	0
Blessing College Nursing	24	0	0	0	24	0	0	0	0	0	0	0
Bradley University	3,049	0	0	123	2,830	0	0	51	0	0	45	0
Carl Sandburg College	1,299	0	0	0	1,299	0	0	0	0	0	0	0
Chicago Col of Osteo Med	1,840	0	0	260	131	0	0	1,449	0	0	0	0
Chicago Sch of Prof Psych	36	0	0	0	36	0	0	0	0	0	0	0
Chicago State University	7,900	0	0	0	6,960	40	0	878	0	22	0	0
City Colleges of Chicago	22,785	0	0	0	22,479	99	0	75	0	0	132	0
College of Du Page	1,699	0	0	0	1,699	0	0	0	0	0	0	0
College of Lake County	38	0	0	38	0	0	0	0	0	0	0	0
College of St Francis	496	0	0	0	496	0	0	0	0	0	0	0
Columbia College	4,756	0	0	96	4,395	0	0	0	0	0	265	0
Concordia University	467	0	0	0	467	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Illinois, cont'd:												
Danville Area Cmty Col	1,693	0	0	0	1,693	0	0	0	0	0	0	0
De Paul University	4,356	0	0	0	3,737	0	0	565	0	0	54	0
DeVry Inst of Technology	2,290	0	0	0	2,290	0	0	0	0	0	0	0
East-West University	1,031	0	0	0	1,031	0	0	0	0	0	0	0
Eastern Illinois Univ	4,062	0	0	0	3,975	0	0	0	0	0	87	0
Elmhurst College	19	0	0	0	0	0	0	0	0	0	19	0
Eureka College	461	0	0	0	461	0	0	0	0	0	0	0
Felician College	6	0	0	0	6	0	0	0	0	0	0	0
Forest Inst of Prof Psych	24	0	0	0	24	0	0	0	0	0	0	0
Garrett-Evangicl Theo Sem	57	0	0	0	57	0	0	0	0	0	0	0
Gem City College	146	0	0	0	146	0	0	0	0	0	0	0
Governors State Univ	1,240	0	0	0	1,166	0	0	74	0	0	0	0
Greenville College	874	0	0	0	874	0	0	0	0	0	0	0
Hebrew Theological Col	22	0	0	0	22	0	0	0	0	0	0	0
Highland Community Col	992	0	0	0	992	0	0	0	0	0	0	0
Illinois Benedictine Col	736	0	0	0	736	0	0	0	0	0	0	0
Illinois Central College	2,354	0	0	0	2,354	0	0	0	0	0	0	0
Illinois Col of Optometry	502	0	0	54	392	0	0	56	0	0	0	0
Illinois College	532	0	0	0	532	0	0	0	0	0	0	0
Illinois Inst of Tech	8,521	0	0	2,039	2,088	0	410	3,066	0	22	896	0
Illinois State University	10,474	189	0	0	8,404	0	0	724	0	0	1,157	0
Illinois Technical Col	427	0	0	0	427	0	0	0	0	0	0	0
Illinois Wesleyan Univ	611	0	0	0	568	0	0	0	0	0	43	0
John A Logan College	2,660	0	0	0	2,660	0	0	0	0	0	0	0
Joliet Jr College	152	0	0	0	0	0	0	0	0	0	152	0
Judson College	499	0	0	0	499	0	0	0	0	0	0	0
Kankakee Community Col	750	0	0	0	750	0	0	0	0	0	0	0
Kaskaskia College	1,318	0	0	0	1,318	0	0	0	0	0	0	0
Kendall College	267	0	0	0	267	0	0	0	0	0	0	0
Knox College	1,230	0	0	28	763	0	0	159	0	0	280	0
Lake Forest College	1,717	0	0	0	1,063	0	0	0	0	0	654	0
Lake Land College	1,734	0	0	0	1,734	0	0	0	0	0	0	0
Lewis and Clark Cmty Col	120	0	0	0	0	0	0	0	0	0	120	0
Lewis University	1,983	0	0	0	1,961	0	0	22	0	0	0	0
Lincoln Christian Col	403	0	0	0	403	0	0	0	0	0	0	0
Lincoln College	1,128	0	0	0	1,128	0	0	0	0	0	0	0
Lincoln Land Cmty College	35	0	0	0	0	0	0	0	0	0	35	0
Loyola Univ - Chicago	15,802	0	0	686	5,300	40	0	7,773	0	0	2,003	0
MacCormac College	470	0	0	0	470	0	0	0	0	0	0	0
MacMurray College	896	0	0	0	896	0	0	0	0	0	0	0
Mallinckrodt College	12	0	0	0	12	0	0	0	0	0	0	0
McCormick Theol Sem	35	0	0	0	35	0	0	0	0	0	0	0
McKendree College	941	0	0	0	941	0	0	0	0	0	0	0
Metropolitan Bus College	610	0	0	0	610	0	0	0	0	0	0	0
Millikin University	981	0	0	0	981	0	0	0	0	0	0	0
Monmouth College	739	0	0	69	670	0	0	0	0	0	0	0
Moraine Valley Cmty Col	11	0	0	0	0	0	0	0	0	0	11	0
Morrison Inst of Tech	145	0	0	0	145	0	0	0	0	0	0	0
Morton College	361	0	0	0	361	0	0	0	0	0	0	0
Naes College	436	0	0	0	436	0	0	0	0	0	0	0
Niles College	85	0	0	0	85	0	0	0	0	0	0	0
North Central College	514	0	0	0	514	0	0	0	0	0	0	0
North Park Col Theol Sem	866	0	0	0	866	0	0	0	0	0	0	0
Northeastern Ill Univ	6,399	0	0	0	6,399	0	0	0	0	0	0	0
Northern Illinois Univ	12,015	37	0	168	8,988	222	0	1,255	215	0	1,110	0
Northwestern University	85,019	340	113	9,494	9,940	3,847	0	44,243	50	1,671	15,321	0
Oakton Community College	766	0	0	0	655	0	0	111	0	0	0	0
Olivet Nazarene College	944	0	0	0	944	0	0	0	0	0	0	0
Parkland College	3,126	3	0	0	3,045	0	0	0	0	0	78	0
Prairie State College	968	0	0	0	968	0	0	0	0	0	0	0
Quincy College	959	0	0	0	959	0	0	0	0	0	0	0
Ray College of Design	217	0	0	0	217	0	0	0	0	0	0	0
Rend Lake College	6	6	0	0	0	0	0	0	0	0	0	0
Richland Cmty Col	854	0	0	0	854	0	0	0	0	0	0	0
Robert Morris Col (Ill)	1,895	0	0	0	1,895	0	0	0	0	0	0	0
Rockford College	702	0	0	0	691	0	0	0	0	0	11	0
Roosevelt University	2,816	0	0	0	2,816	0	0	0	0	0	0	0
Rosary College	493	0	0	0	493	0	0	0	0	0	0	0
Rush University	2,280	0	0	185	646	0	0	1,449	0	0	0	0
S Illinois U Edwardsville	7,340	0	0	0	5,829	0	0	631	116	0	764	0
Sangamon State University	901	1	0	0	900	0	0	0	0	0	0	0
Shimer College	144	0	0	0	144	0	0	0	0	0	0	0
Southern Ill U-Carbondale	22,845	857	0	199	15,794	0	0	4,447	255	73	1,220	0
Southrn Ill Univ Sys Off	340	28	0	0	0	309	0	0	3	0	0	0
Spertus Coll of Judaica	51	0	0	0	51	0	0	0	0	0	0	0
Springfield Col in Ill	166	0	0	0	166	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Illinois, cont'd:												
St Augustine Cmty Coll	3,314	0	0	0	3,314	0	0	0	0	0	0	0
St Francis Medical Ce	54	0	0	0	54	0	0	0	0	0	0	0
St Xavier College	1,397	0	0	0	1,360	0	0	37	0	0	0	0
State CC at East St Louis	1,655	0	0	0	1,655	0	0	0	0	0	0	0
Telshe Yeshiva - Chicago	100	0	0	0	100	0	0	0	0	0	0	0
Trinity Christian Col	310	0	0	0	310	0	0	0	0	0	0	0
Trinity College	744	0	0	0	744	0	0	0	0	0	0	0
Trinity Evangel Div Schl	17	0	0	0	17	0	0	0	0	0	0	0
Triton College	80	0	0	0	0	0	0	0	0	0	80	0
U Hlth Sci/Chcgo Med Sch	4,727	0	0	905	0	0	0	3,649	0	0	173	0
Univ of Ill Chicago	66,488	87	78	1,628	12,654	780	307	42,502	0	277	6,015	2,160
Univ of Ill Urbana	137,270	21,448	0	21,337	351	13,006	1,055	21,213	93	3,186	55,391	190
Univ of Illinois Sys Off	15,956	133	1,922	0	12,299	1,356	0	0	246	0	0	0
University of Chicago	119,179	227	160	3,408	6,622	4,272	0	76,728	0	6,061	21,701	0
Western Illinois Univ	6,180	55	100	25	5,853	0	0	0	0	0	147	0
Wheaton College	1,018	0	0	0	1,018	0	0	0	0	0	0	0
William Rainey Harper Col	590	0	0	0	590	0	0	0	0	0	0	0
Wm M Scholl Coll Pod Med	320	0	0	0	0	0	0	320	0	0	0	0
Indiana, total	322,053	21,776	176	16,945	133,492	20,779	1,172	76,035	670	4,506	44,948	1,554
Ancilla Domini College	356	0	0	0	356	0	0	0	0	0	0	0
Anderson College	1,531	0	0	0	1,531	0	0	0	0	0	0	0
Ball State University	10,099	34	0	51	8,065	0	0	413	4	0	1,532	0
Bethel College	433	0	0	0	433	0	0	0	0	0	0	0
Butler University	1,998	0	0	28	1,614	0	250	0	0	0	106	0
Calumet College	726	0	0	0	726	0	0	0	0	0	0	0
Christian Theol Sem	44	0	0	0	44	0	0	0	0	0	0	0
De Pauw University	918	0	0	46	800	0	0	0	0	50	22	0
Earlham College	1,261	0	0	0	1,098	0	0	0	0	0	163	0
Franklin Col of Indiana	613	0	0	0	613	0	0	0	0	0	0	0
George Rogers Clark Col	841	0	0	0	841	0	0	0	0	0	0	0
Goshen College	666	0	0	0	666	0	0	0	0	0	0	0
Grace College	780	0	0	0	780	0	0	0	0	0	0	0
Hanover College	170	0	0	0	170	0	0	0	0	0	0	0
Holy Cross College	163	0	0	0	163	0	0	0	0	0	0	0
Huntington College	409	0	0	0	409	0	0	0	0	0	0	0
Ind Voc Tech College	16,305	0	0	0	16,300	0	0	0	0	0	5	0
Indiana State University	13,247	0	0	0	8,192	4,814	0	109	0	86	46	0
Indiana University	115,868	1,510	50	1,616	38,944	3,625	245	50,128	130	735	18,651	234
Indiana Wesleyan College	12	0	0	0	0	0	0	12	0	0	0	0
International Bus Col	587	0	0	0	587	0	0	0	0	0	0	0
Interstate Tech Institute	1	0	0	0	1	0	0	0	0	0	0	0
ITT Tech Inst-Indianapol	16,623	0	0	0	16,623	0	0	0	0	0	0	0
Manchester College	878	0	0	0	878	0	0	0	0	0	0	0
Marian College	649	0	0	0	649	0	0	0	0	0	0	0
Martin Center College	1,195	0	0	0	523	0	0	672	0	0	0	0
Oakland City College	1,290	0	0	0	1,290	0	0	0	0	0	0	0
Purdue University	92,339	20,231	70	6,687	12,765	7,771	390	20,873	536	3,278	18,418	1,320
Rose-Hulman Inst of Tech	1,144	0	0	776	0	0	0	0	0	0	368	0
St Francis College	485	0	0	0	485	0	0	0	0	0	0	0
St Joseph's College	511	0	0	0	511	0	0	0	0	0	0	0
St Mary-of-the-Woods Col	401	0	0	0	401	0	0	0	0	0	0	0
St Mary's College	598	0	0	0	479	0	0	0	0	12	107	0
St Meinrad College	110	0	0	0	110	0	0	0	0	0	0	0
St Meinrad Sch - Theology	63	0	0	0	63	0	0	0	0	0	0	0
Summit Christian College	414	0	0	0	414	0	0	0	0	0	0	0
Taylor University	819	0	0	0	819	0	0	0	0	0	0	0
Tri-State University	632	0	0	0	607	0	0	0	0	0	25	0
University of Evansville	1,715	0	0	0	1,589	0	0	22	0	25	79	0
University of Indianapoli	1,025	0	0	0	1,025	0	0	0	0	0	0	0
University of Notre Dame	25,859	0	56	7,607	4,201	4,415	285	3,790	0	314	5,191	0
Valparaiso University	1,939	0	0	0	1,550	154	0	16	0	6	213	0
Vincennes University	6,314	1	0	134	6,177	0	2	0	0	0	0	0
Wabash College	22	0	0	0	0	0	0	0	0	0	22	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Iowa, total	225,592	31,218	2,034	5,644	69,042	6,242	1,205	82,632	442	10,119	12,766	4,248
Briar Cliff College	1,464	0	0	0	1,443	0	0	21	0	0	0	0
Buena Vista College	2,016	0	0	0	2,016	0	0	0	0	0	0	0
Central Univ of Iowa	1,979	0	0	0	1,979	0	0	0	0	0	0	0
Clarke College	693	0	0	0	693	0	0	0	0	0	0	0
Coe College	1,272	0	0	0	1,234	0	0	0	0	0	38	0
Cornell College	943	0	0	0	847	0	0	0	0	0	96	0
Des Moines Area Cmty Col	21	0	0	0	0	0	0	0	0	0	21	0
Divine Word College	168	0	0	0	168	0	0	0	0	0	0	0
Dordt College	799	0	0	0	786	0	0	0	0	0	13	0
Drake University	3,388	0	0	117	3,105	0	0	34	0	0	132	0
Eastern Iowa Cmty College	198	0	0	0	0	0	198	0	0	0	0	0
Emmaus Bible College	62	0	0	0	62	0	0	0	0	0	0	0
Faith Baptist Bible Col	211	0	0	0	211	0	0	0	0	0	0	0
Graceland College	1,493	0	0	0	1,493	0	0	0	0	0	0	0
Grand View College	791	0	0	0	791	0	0	0	0	0	0	0
Grinnell College	949	0	0	0	520	0	0	0	0	0	429	0
Indian Hills Cmty College	2,692	0	0	0	2,692	0	0	0	0	0	0	0
Iowa State University	66,466	30,582	1,755	1,684	12,234	1,548	580	6,834	424	1,439	5,138	4,248
Iowa Wesleyan College	680	0	0	0	680	0	0	0	0	0	0	0
Loras College	1,296	0	0	29	1,230	0	0	0	0	0	37	0
Luther College	2,434	0	0	0	2,176	0	0	16	0	0	242	0
Maharishi Intl University	1,501	0	0	0	1,159	0	0	251	0	0	91	0
Morningside College	1,330	0	0	0	1,296	0	0	0	0	0	34	0
Mount Mercy College	901	0	0	0	901	0	0	0	0	0	0	0
Mount St Clare College	196	0	0	0	196	0	0	0	0	0	0	0
N Iowa Area Cmty College	1,894	0	0	0	1,894	0	0	0	0	0	0	0
Northwest Iowa Tech Col	317	0	0	0	317	0	0	0	0	0	0	0
Northwestern College	1,129	0	0	0	1,129	0	0	0	0	0	0	0
Palmer Col of Chiroprctc	812	0	0	0	812	0	0	0	0	0	0	0
Simpson College	902	0	0	0	902	0	0	0	0	0	0	0
Southwestern Cmty College	1,022	0	0	0	997	0	0	25	0	0	0	0
St Ambrose College	1,322	0	0	0	1,322	0	0	0	0	0	0	0
Teikyo Marycrest Coll	978	0	0	0	978	0	0	0	0	0	0	0
Teikyo Westmar Univer	897	0	0	0	897	0	0	0	0	0	0	0
Univ of Northern Iowa	13,048	105	0	0	8,065	3,977	0	0	0	0	901	0
Univ of Osteopathic Med	779	0	0	318	105	0	0	356	0	0	0	0
University of Dubuque	52	0	0	52	0	0	0	0	0	0	0	0
University of Iowa	104,459	531	279	3,444	9,674	717	427	75,095	18	8,680	5,594	0
Upper Iowa University	1,149	0	0	0	1,149	0	0	0	0	0	0	0
Vennard College	216	0	0	0	216	0	0	0	0	0	0	0
Waldorf College	546	0	0	0	546	0	0	0	0	0	0	0
Wartburg College	980	0	0	0	980	0	0	0	0	0	0	0
Wartburg Theol Sem	42	0	0	0	42	0	0	0	0	0	0	0
William Penn College	1,105	0	0	0	1,105	0	0	0	0	0	0	0
Kansas, total	130,742	16,272	150	2,145	58,093	7,050	2,187	32,962	351	2,551	7,260	1,721
Baker University	755	0	0	0	755	0	0	0	0	0	0	0
Barclay College	111	0	0	0	111	0	0	0	0	0	0	0
Barton County Cmty Col	206	0	0	0	0	0	0	199	0	0	7	0
Benedictine College	959	0	0	36	923	0	0	0	0	0	0	0
Bethany College	676	0	0	0	669	0	0	0	0	0	7	0
Bethel College	605	0	0	0	582	0	0	23	0	0	0	0
Donnelly College	2,072	0	0	0	2,072	0	0	0	0	0	0	0
Emporia State University	3,423	0	0	0	3,423	0	0	0	0	0	0	0
Fort Hays St Univ	8,081	2	0	0	4,103	3,976	0	0	0	0	0	0
Friends University	863	0	0	0	863	0	0	0	0	0	0	0
Haskell Indian Jr College	279	0	0	0	279	0	0	0	0	0	0	0
Hesston College	780	0	0	0	780	0	0	0	0	0	0	0
Kans St U - Ag & App Sci	37,932	16,270	0	483	9,883	2,394	2,166	2,309	105	1,015	3,205	102
Kansas City Col&Bible Sch	30	0	0	0	30	0	0	0	0	0	0	0
Kansas City Kansas Cmty C	234	0	0	234	0	0	0	0	0	0	0	0
Kansas Wesleyan Unive	764	0	0	0	764	0	0	0	0	0	0	0
Manhattan Christian Col	226	0	0	0	226	0	0	0	0	0	0	0
McPherson College	388	0	0	0	388	0	0	0	0	0	0	0
Mid-America Nazarene Col	1,129	0	0	0	1,129	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Kansas, cont'd:												
Ottawa University	1,341	0	0	0	1,341	0	0	0	0	0	0	0
Pittsburg State Univ	4,462	0	0	0	4,315	0	0	0	0	0	147	0
Southwestern College	796	0	0	0	796	0	0	0	0	0	0	0
St Mary of the Plains Col	647	0	0	0	647	0	0	0	0	0	0	0
St Mary College	898	0	0	0	898	0	0	0	0	0	0	0
Sterling College	728	0	0	0	611	0	0	117	0	0	0	0
Tabor College	533	0	0	0	533	0	0	0	0	0	0	0
University of Kansas	52,622	0	150	1,268	15,526	680	21	29,842	246	1,168	3,619	102
Wichita State University	9,202	0	0	124	6,446	0	0	472	0	368	275	1,517
Kentucky, total	167,503	22,448	495	956	100,019	4,378	317	30,580	498	841	6,721	250
Alice Lloyd College	736	0	0	0	736	0	0	0	0	0	0	0
Asbury College	933	0	0	0	933	0	0	0	0	0	0	0
Asbury Theol Seminary	255	0	0	0	255	0	0	0	0	0	0	0
Bellarmine College	698	0	0	27	671	0	0	0	0	0	0	0
Berea College	3,532	0	0	0	3,469	0	0	0	0	0	63	0
Brescia College	636	0	0	0	636	0	0	0	0	0	0	0
Campbellsville College	1,243	0	0	0	1,243	0	0	0	0	0	0	0
Centre College	437	0	0	0	415	0	0	0	0	22	0	0
Cumberland College	2,097	0	0	0	2,097	0	0	0	0	0	0	0
Eastern Kentucky Univ	11,527	0	100	117	10,921	0	0	363	0	0	26	0
Georgetown College	840	0	0	0	840	0	0	0	0	0	0	0
Inst of Electronic Tech	331	0	0	0	331	0	0	0	0	0	0	0
Kentucky Christian Col	691	0	0	0	691	0	0	0	0	0	0	0
Kentucky Col of Business	1,042	0	0	0	1,042	0	0	0	0	0	0	0
Kentucky College of Tech	144	0	0	0	144	0	0	0	0	0	0	0
Kentucky State University	8,703	4,853	247	0	3,437	0	0	166	0	0	0	0
Kentucky Wesleyan College	660	0	0	0	645	0	0	0	0	0	15	0
Lees Junior College	1,024	0	0	0	1,024	0	0	0	0	0	0	0
Lindsey Wilson College	1,798	0	0	0	1,798	0	0	0	0	0	0	0
Louisville Pres Theol Sem	27	0	0	0	27	0	0	0	0	0	0	0
Mid-Cont Baptist Bible C	91	0	0	0	91	0	0	0	0	0	0	0
Midway College	492	0	0	0	492	0	0	0	0	0	0	0
Morehead State University	8,921	0	0	0	8,921	0	0	0	0	0	0	0
Murray State University	5,270	0	0	35	4,963	0	0	226	0	0	46	0
Northern Kentucky Univ	3,768	0	0	0	3,502	0	10	0	0	0	256	0
Pikeville College	1,740	0	0	0	1,740	0	0	0	0	0	0	0
RETS Electronic Institute	1,852	0	0	0	1,852	0	0	0	0	0	0	0
Spalding University	611	0	0	0	580	0	0	31	0	0	0	0
St Catharine College	290	0	0	0	290	0	0	0	0	0	0	0
Sue Bennett College	649	0	0	0	649	0	0	0	0	0	0	0
Thomas More College	710	0	0	0	710	0	0	0	0	0	0	0
Transylvania University	423	0	0	29	394	0	0	0	0	0	0	0
Union College	1,325	0	0	0	1,325	0	0	0	0	0	0	0
University of Kentucky	79,964	17,595	48	641	28,877	4,213	245	21,886	498	334	5,377	250
University of Louisville	16,091	0	0	70	6,946	165	62	7,693	0	485	670	0
Western Kentucky Univ	7,952	0	100	37	7,332	0	0	215	0	0	268	0
Louisiana, total	273,413	18,784	1,971	5,714	143,761	25,882	2,455	63,195	1,870	1,832	7,920	29
Delgado Community College	4,971	0	0	0	4,971	0	0	0	0	0	0	0
Dillard University	4,514	24	0	0	4,345	36	15	94	0	0	0	0
Grambling State Univ	14,189	0	0	0	13,060	133	0	758	0	0	238	0
Louisiana College	882	0	0	0	882	0	0	0	0	0	0	0
Louisiana Tech University	8,638	153	0	64	5,566	746	0	0	49	0	60	0
Loyola Univ - New Orleans	2,424	0	0	0	2,406	0	0	0	0	0	18	0
LA St Univ System Office	1,407	0	0	0	0	15	0	0	1,392	0	0	0
LA State Univ System	115,803	14,734	1,871	2,203	34,228	24,830	1,796	29,864	398	1,007	4,872	0
McNeese State University	5,087	0	0	0	4,973	40	0	0	0	0	74	0
Nicholls State University	4,441	0	0	0	4,425	0	0	0	0	0	16	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Louisiana, cont'd:												
Northeast Louisiana Univ	9,058	0	0	0	8,443	0	1	18	0	13	583	0
Northwest State Univer	6,668	0	0	37	6,360	0	0	222	0	35	14	0
Notre Dame Sem Grad Sch	21	0	0	0	21	0	0	0	0	0	0	0
Our Lady Holy Cross Col	785	0	0	0	785	0	0	0	0	0	0	0
Southeastern LA Univ	7,114	10	0	0	6,098	0	0	985	0	0	21	0
Southern Technical Coll	1,418	0	0	0	1,418	0	0	0	0	0	0	0
Southern U & A&M College	29,786	3,783	0	405	23,201	12	403	1,075	0	312	566	29
St Joseph Seminary	74	0	0	0	74	0	0	0	0	0	0	0
Tulane University	33,233	40	0	2,298	5,338	70	154	24,011	0	168	1,156	0
Univ of Southwestern LA	14,178	40	0	395	11,713	0	0	1,697	31	0	302	0
Xavier University of LA	10,722	0	100	312	5,454	0	86	4,471	0	299	0	0
Maine, total	47,358	6,488	294	639	33,743	140	570	1,878	456	308	2,751	91
Andover College	365	0	0	0	365	0	0	0	0	0	0	0
Bangor Theol Seminary	139	0	0	0	139	0	0	0	0	0	0	0
Bates College	1,184	0	0	0	904	0	0	109	0	0	171	0
Beal College	480	0	0	0	480	0	0	0	0	0	0	0
Bowdoin College	1,363	0	0	0	1,043	0	0	0	0	50	270	0
Casco Bay College	288	0	0	0	288	0	0	0	0	0	0	0
Centrl Maine Vo Tech Inst	32	0	0	0	0	0	0	32	0	0	0	0
Colby College	1,335	0	0	37	1,070	0	0	118	0	0	110	0
College of the Atlantic	419	0	0	0	415	0	0	0	4	0	0	0
Husson College	1,414	0	0	0	1,414	0	0	0	0	0	0	0
Maine Maritime Academy	964	0	0	185	711	0	0	0	0	0	68	0
Portland School of Art	328	0	0	0	328	0	0	0	0	0	0	0
St Joseph's College	340	0	0	0	329	0	0	0	0	0	11	0
Thomas College	572	0	0	0	572	0	0	0	0	0	0	0
Unity College	605	0	0	0	605	0	0	0	0	0	0	0
Univ of Maine Augusta	1,971	0	0	0	1,908	63	0	0	0	0	0	0
Univ of Maine Orono	19,389	5,993	0	224	9,343	77	570	672	289	258	1,963	0
Univ of Maine System Off	1,427	438	250	0	511	0	0	0	137	0	0	91
Univ of Maine, Farmington	2,223	57	0	0	2,166	0	0	0	0	0	0	0
Univ of Maine, Fort Kent	772	0	0	0	772	0	0	0	0	0	0	0
Univ of Maine, Machias	1,116	0	0	0	1,116	0	0	0	0	0	0	0
Univ Maine, Presque Isle	2,380	0	0	28	2,342	0	0	0	0	0	10	0
University of New England	1,555	0	0	75	1,039	0	0	441	0	0	0	0
University of Sthrn Maine	6,316	0	44	90	5,502	0	0	506	26	0	148	0
Westbrook College	381	0	0	0	381	0	0	0	0	0	0	0
Maryland, total	870,830	12,590	5,577	428,164	60,944	13,090	2,939	280,773	281	29,333	36,359	780
Allegany Community Col	89	0	0	0	0	0	0	0	0	0	89	0
Anne Arundel Cmty College	1,329	0	0	0	1,329	0	0	0	0	0	0	0
Balt Intl Culinary Arts I	400	0	0	0	400	0	0	0	0	0	0	0
Bowie State University	3,596	0	0	79	3,131	0	0	210	0	80	96	0
Catonsville Cmty College	37	0	0	0	0	0	1	36	0	0	0	0
Cecil Community College	275	0	0	0	0	0	0	275	0	0	0	0
Charles County Cmty Col	10	0	0	0	0	0	0	0	0	10	0	0
Col of Notre Dame of MD	497	0	0	0	381	0	0	0	0	0	116	0
Columbia Union College	620	0	0	0	505	0	0	0	0	0	115	0
Coppin State College	4,653	0	0	0	4,568	0	4	81	0	0	0	0
Eastern Christian College	18	0	0	0	18	0	0	0	0	0	0	0
Essex Community College	80	0	0	0	0	0	0	80	0	0	0	0
Frostburg State Univ	2,396	0	0	0	2,352	0	0	0	0	0	44	0
Goucher College	681	0	0	0	659	0	0	0	0	0	22	0
Hagerstown Business Coll	315	0	0	0	315	0	0	0	0	0	0	0
Harford Community College	85	0	0	85	0	0	0	0	0	0	0	0
Hood College	598	0	0	0	598	0	0	0	0	0	0	0
Johns Hopkins University	657,225	365	341	408,136	6,061	4,825	864	219,121	97	6,027	11,250	138
Loyola College	4,788	0	0	3,503	717	0	3	0	0	0	565	0
Montgomery College	4,123	0	0	0	4,123	0	0	0	0	0	0	0
Morgan State University	7,333	0	100	382	5,719	0	82	205	0	346	499	0
Mount St Mary's Col (MD)	339	0	0	0	339	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Maryland, cont'd:												
Ner Israel Rabbinical Col	140	0	0	0	140	0	0	0	0	0	0	0
Peabody Inst-J Hopkins U	3	0	0	0	3	0	0	0	0	0	0	0
Prince Georges Cmty Col	2,134	3	0	0	2,083	0	0	0	0	0	48	0
Salisbury State College	1,554	33	0	33	1,195	0	0	195	0	0	98	0
Sojourner-Douglas College	722	0	0	0	722	0	0	0	0	0	0	0
St John's College (MD)	752	0	0	0	736	0	0	0	0	0	16	0
St Mary's College of MD	429	0	0	0	247	0	0	0	0	0	182	0
St Mary's Sem & Univ	29	0	0	0	29	0	0	0	0	0	0	0
Towson State University	3,261	0	0	0	2,870	0	0	0	0	0	391	0
U of MD Baltimore County	8,495	165	0	175	3,185	57	0	2,625	0	315	1,869	104
U of MD Center for EES	1,511	0	0	0	0	0	288	0	0	0	1,223	0
U of MD Eastern Shore	7,056	2,764	600	0	3,079	0	0	291	0	131	191	0
U of MD University Coll	2,642	19	0	152	2,341	0	0	14	0	0	116	0
Univ of Maryland Sys Off	492	24	0	0	0	120	0	233	15	0	0	100
Univ of MD Balt Prof Sch	54,357	35	0	728	1,284	235	343	50,881	0	100	751	0
Univ of MD College Park	95,043	9,182	4,536	14,891	9,159	7,853	1,353	6,526	169	22,324	18,612	438
University of Baltimore	1,093	0	0	0	1,093	0	0	0	0	0	0	0
Villa Julie College	472	0	0	0	471	0	1	0	0	0	0	0
Wash Bible College	126	0	0	0	126	0	0	0	0	0	0	0
Washington College	285	0	0	0	251	0	0	0	0	0	34	0
Western Maryland College	747	0	0	0	715	0	0	0	0	0	32	0
Massachusetts, total	926,556	21,413	5,228	118,340	151,910	84,148	6,674	357,117	1,868	39,102	134,940	5,816
American Internatl Col	953	0	0	0	953	0	0	0	0	0	0	0
Amherst College	1,685	0	0	112	945	0	0	361	0	0	267	0
Anna Maria College	347	0	0	0	347	0	0	0	0	0	0	0
Assumption College	991	0	0	0	981	0	0	0	0	0	10	0
Atlantic Union College	905	0	0	0	905	0	0	0	0	0	0	0
Babson College	594	0	0	0	552	0	0	0	0	0	42	0
Bay Path College	348	0	0	0	348	0	0	0	0	0	0	0
Becker Jr Col-System Off	671	0	0	0	671	0	0	0	0	0	0	0
Bentley College	1,985	0	0	0	1,928	0	0	0	0	0	57	0
Berkshire Community Col	880	0	0	0	880	0	0	0	0	0	0	0
Boston Architectural Ctr	50	0	0	0	50	0	0	0	0	0	0	0
Boston College	22,052	0	0	3,459	4,968	10,209	104	2,178	0	171	818	145
Boston Conserv of Music	235	0	0	0	235	0	0	0	0	0	0	0
Boston University	66,658	0	100	7,470	12,410	2,785	106	53,428	0	1,475	8,835	49
Bradford College	233	0	0	0	233	0	0	0	0	0	0	0
Brandeis University	25,251	270	0	169	2,139	861	0	17,485	0	484	3,843	0
Bridgewater State College	2,983	0	0	0	2,447	0	0	0	0	0	536	0
Bristol Community College	2,306	0	0	0	2,306	0	0	0	0	0	0	0
Bunker Hill Community Col	3,019	0	0	0	3,019	0	0	0	0	0	0	0
Cambridge College	5	0	0	0	5	0	0	0	0	0	0	0
Cape Cod Community Col	1,651	0	0	0	1,481	0	0	170	0	0	0	0
Clark University	3,430	0	0	312	1,534	87	177	231	0	0	589	500
Col of the Holy Cross	2,265	0	0	964	1,199	0	0	0	0	0	102	0
Col of Our Lady of Elms	453	0	0	0	453	0	0	0	0	0	0	0
Curry College	448	0	0	0	448	0	0	0	0	0	0	0
Dean Junior College	508	0	0	0	508	0	0	0	0	0	0	0
Eastern Nazarene College	516	0	0	0	516	0	0	0	0	0	0	0
Emerson College	1,579	0	0	0	1,430	0	0	149	0	0	0	0
Emmanuel College	549	0	0	0	549	0	0	0	0	0	0	0
Endicott College	538	0	0	0	457	0	0	81	0	0	0	0
Fisher Junior College	1,643	0	0	0	1,643	0	0	0	0	0	0	0
Fitchburg State College	1,305	0	0	0	1,305	0	0	0	0	0	0	0
Forsyth Sch Dent Hygnsts	67	0	0	0	67	0	0	0	0	0	0	0
Framingham State College	837	0	0	0	837	0	0	0	0	0	0	0
Franklin Inst of Boston	220	0	0	0	199	0	0	0	0	0	21	0
Gordon College	835	0	0	0	835	0	0	0	0	0	0	0
Gordon-Conwell Theol Sem	129	0	0	0	129	0	0	0	0	0	0	0
Greenfield Community Col	1,417	0	0	0	1,417	0	0	0	0	0	0	0
Hampshire College	1,225	0	0	0	894	0	0	99	0	0	232	0
Harvard University	193,006	344	0	7,567	8,144	5,637	1,536	140,466	95	7,619	20,392	1,206
Hellenic Col Holy Cross	117	0	0	0	29	0	0	88	0	0	0	0
Holyoke Community College	2,270	0	0	0	2,270	0	0	0	0	0	0	0
Lasell Junior College	335	0	0	0	328	0	0	0	0	0	7	0
Lesley College	1,459	0	0	0	1,059	0	0	0	0	0	400	0
Marian Court Junior Coll	80	0	0	0	80	0	0	0	0	0	0	0
Mass Bay Community Col	935	0	0	0	935	0	0	0	0	0	0	0
Mass Col Phar/Allied Hlth	665	0	0	0	627	0	0	38	0	0	0	0
Mass College of Art	551	0	0	0	551	0	0	0	0	0	0	0
Mass Inst of Technology	263,306	450	2,702	56,294	6,464	57,853	618	63,170	404	25,514	45,978	3,859

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Massachusetts, cont'd:												
Mass Maritime Academy	292	0	0	0	292	0	0	0	0	0	0	0
Mass State Col Sys Off	442	0	0	0	0	442	0	0	0	0	0	0
Massasoit Community Col	2,884	0	0	0	2,884	0	0	0	0	0	0	0
Merrimack College	931	0	0	0	878	0	0	0	0	0	53	0
Middlesex Cmty Col (Mass)	14	0	0	0	0	0	0	14	0	0	0	0
Montserrat College of Art	122	0	0	0	122	0	0	0	0	0	0	0
Mount Holyoke College	2,358	0	0	0	1,364	110	0	70	0	48	766	0
Mount Ida Junior College	862	0	0	0	862	0	0	0	0	0	0	0
Mount Wachusett Cmty Col	2,345	0	0	0	2,344	0	0	0	0	0	0	1
N E Col of Optometry	481	0	0	0	213	0	0	268	0	0	0	0
New England School of Law	141	0	0	0	141	0	0	0	0	0	0	0
Newbury College	1,459	0	0	0	1,459	0	0	0	0	0	0	0
Nichols College	244	0	0	0	244	0	0	0	0	0	0	0
North Adams State College	1,118	0	0	0	1,118	0	0	0	0	0	0	0
North Shore Cmty College	2,956	0	0	0	2,956	0	0	0	0	0	0	0
Northeastern University	25,071	200	0	2,045	11,692	828	102	4,942	0	109	5,153	0
Pine Manor College	157	0	0	0	157	0	0	0	0	0	0	0
Quinsigamond Cmty College	1,719	0	0	0	1,719	0	0	0	0	0	0	0
Radcliffe College	2,220	0	0	524	1,508	0	0	188	0	0	0	0
Regis College	524	0	0	0	524	0	0	0	0	0	0	0
Roxbury Community College	1,712	0	0	0	1,712	0	0	0	0	0	0	0
Salem State College	3,017	0	0	0	2,992	0	0	25	0	0	0	0
Sch-Museum Fine Arts-Bost	365	0	0	0	365	0	0	0	0	0	0	0
Simmons College	2,741	0	0	0	1,643	0	0	623	0	0	475	0
Simon's Rock	25	0	0	0	0	0	0	25	0	0	0	0
Smith College	2,252	0	0	0	1,954	0	0	223	0	44	31	0
Springfield College	1,251	0	0	0	1,251	0	0	0	0	0	0	0
Springfield Tech Cmty Col	184	0	0	0	0	0	0	136	0	0	48	0
St John's Seminary	37	0	0	0	37	0	0	0	0	0	0	0
Stonehill College	675	0	0	0	675	0	0	0	0	0	0	0
Suffolk University	2,002	0	0	0	2,001	0	1	0	0	0	0	0
Tufts University	47,904	11,838	0	1,619	2,396	897	3,543	25,219	6	50	2,336	0
Univ of Mass	99,756	7,423	42	9,769	18,725	2,483	146	45,331	30	2,242	13,564	1
Univ of Mass Dartmouth	3,757	718	0	0	2,687	0	0	0	0	0	352	0
Univ of Mass Lowell	9,338	0	0	3,463	3,248	353	146	702	0	191	1,235	0
Univ of Mass System Off	891	170	333	0	0	0	0	0	333	0	0	55
Wellesley College	2,649	0	0	142	1,331	0	0	578	0	77	521	0
Wentworth Inst of Tech	1,017	0	0	919	0	0	0	0	0	0	98	0
Western New England Col	1,268	0	0	38	1,174	0	0	0	0	0	56	0
Westfield State College	1,416	0	0	0	1,416	0	0	0	0	0	0	0
Wheaton College	614	0	0	0	614	0	0	0	0	0	0	0
Wheelock College	668	0	0	0	668	0	0	0	0	0	0	0
Williams College	2,229	0	0	83	1,031	0	0	257	0	52	806	0
Woods Hole Ocngrphic Inst	54,118	0	2,051	22,477	0	1,266	0	347	1,000	787	26,190	0
Worcester Poly Institute	4,487	0	0	914	1,450	337	195	225	0	239	1,127	0
Worcester State College	1,353	0	0	0	1,353	0	0	0	0	0	0	0
Michigan, total	554,145	25,650	4,314	24,743	189,735	14,216	3,758	203,706	1,426	23,865	60,294	2,438
Adrian College	1,134	0	0	0	1,134	0	0	0	0	0	0	0
Albion College	688	0	0	0	674	0	0	0	0	0	14	0
Alma College	876	0	0	0	790	0	0	0	0	0	86	0
Andrews University	1,590	0	0	0	1,459	0	0	0	0	0	131	0
Aquinas College	1,254	0	0	0	1,254	0	0	0	0	0	0	0
Baker College of Flint	7,781	0	0	0	7,781	0	0	0	0	0	0	0
Bay Mills Community Colle	561	0	0	0	0	0	0	0	561	0	0	0
Calvin College	2,309	0	0	32	2,066	0	0	0	0	0	211	0
Calvin Theol Seminary	2	0	0	0	2	0	0	0	0	0	0	0
Central Michigan Univ	7,263	3	0	53	7,119	0	0	0	0	0	88	0
Charles Stewart Mott C C	6,069	0	0	0	6,069	0	0	0	0	0	0	0
Cleary College	725	0	0	0	725	0	0	0	0	0	0	0
Concordia College	596	0	0	0	596	0	0	0	0	0	0	0
Davenport College	6,568	0	0	0	6,568	0	0	0	0	0	0	0
Delta College	5,065	0	0	0	5,065	0	0	0	0	0	0	0
Detroit Col of Bus Admin	3,700	0	0	0	3,700	0	0	0	0	0	0	0
Eastern Michigan Univ	9,414	0	0	57	8,680	0	0	503	0	0	174	0
Ferris State College	7,758	0	25	0	7,546	0	0	115	0	0	72	0
Grace Bible College	117	0	0	0	117	0	0	0	0	0	0	0
Grand Rapids Bapt Col&Sem	626	0	0	0	626	0	0	0	0	0	0	0
Grand Valley State Univ	7,090	0	0	0	6,755	0	0	38	0	0	297	0
Great Lakes Bible College	183	0	0	0	183	0	0	0	0	0	0	0
Great Lakes JC of Busines	2,519	0	0	0	2,519	0	0	0	0	0	0	0
GMI Engr/Management Inst	106	0	0	0	0	0	0	0	0	0	106	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Michigan, cont'd:												
Hillsdale College	1	0	0	0	1	0	0	0	0	0	0	0
Hope College	2,136	0	0	0	1,446	0	0	100	0	0	590	0
Jordan College	4,187	0	0	0	4,187	0	0	0	0	0	0	0
Kalamazoo College	1,166	0	0	0	991	0	0	131	0	0	44	0
Lansing Community College	7,341	0	0	0	7,341	0	0	0	0	0	0	0
Lawrence Technical Univ	58	0	0	0	0	0	0	0	0	0	58	0
Madonna College	1,723	0	0	0	1,465	0	0	103	0	0	155	0
Marygrove College	2,497	0	0	0	2,422	0	0	75	0	0	0	0
Mercy College of Detroit	1,493	0	0	0	1,456	0	0	37	0	0	0	0
Michigan Christian Col	286	0	0	0	286	0	0	0	0	0	0	0
Michigan State University	97,135	24,717	280	3,335	17,315	4,045	187	22,564	262	801	22,647	982
Michigan Tech University	10,133	353	192	2,847	3,527	349	121	198	434	239	1,773	100
Northern Michigan Univ	6,393	2	0	0	6,391	0	0	0	0	0	0	0
Northwood Institute	2,424	0	0	0	2,424	0	0	0	0	0	0	0
Oakland Community College	4,047	0	0	0	3,999	48	0	0	0	0	0	0
Oakland University	2,854	0	0	66	0	0	0	2,332	0	0	456	0
Olivet College	836	0	0	0	836	0	0	0	0	0	0	0
Reformed Bible College	90	0	0	0	90	0	0	0	0	0	0	0
Sacred Heart Seminary Col	10	0	0	0	10	0	0	0	0	0	0	0
Saginaw Valley State Col	13,337	0	0	0	3,187	0	0	16	0	10,100	34	0
Schoolcraft College	78	0	0	78	0	0	0	0	0	0	0	0
Siena Heights College	1,086	0	0	0	1,086	0	0	0	0	0	0	0
Southwestern Michigan Col	1,576	0	0	0	1,576	0	0	0	0	0	0	0
Spring Arbor College	1,268	0	0	0	1,268	0	0	0	0	0	0	0
Suomi College	1,866	0	0	0	1,866	0	0	0	0	0	0	0
Thomas M Cooley Law Sch	186	0	0	0	186	0	0	0	0	0	0	0
University of Detroit	4,421	0	0	173	3,815	0	0	106	0	0	327	0
University of Michigan	238,443	575	3,813	17,004	18,588	9,314	2,868	142,816	119	12,336	29,654	1,356
Walsh Col Acctg&Bus Admin	299	0	0	0	299	0	0	0	0	0	0	0
Wayne County Cmty College	8,732	0	0	0	8,732	0	0	0	0	0	0	0
Wayne State University	52,047	0	0	902	13,284	266	345	34,062	50	187	2,951	0
Western Michigan Univ	11,974	0	4	196	10,205	194	237	510	0	202	426	0
Yeshiva Gedolah of G Det	28	0	0	0	28	0	0	0	0	0	0	0
Minnesota, total	304,244	19,860	1,325	12,653	111,111	5,533	1,799	117,622	1,034	3,680	29,409	218
Anoka-Ramsey Cmty Col	1,985	0	0	0	1,985	0	0	0	0	0	0	0
Arrowhead CC-Hibbing	3,436	0	0	0	3,326	0	0	110	0	0	0	0
Augsburg College	2,428	0	0	0	2,229	0	0	0	0	40	159	0
Austin Cmty Col (Minn)	937	0	0	0	937	0	0	0	0	0	0	0
Bemidji State University	4,727	0	0	0	4,711	0	0	0	0	0	16	0
Bethany Lutheran College	257	0	0	0	257	0	0	0	0	0	0	0
Bethel College & Seminary	1,250	0	0	0	1,244	0	0	0	0	0	6	0
Brainerd Community Col	1,122	0	0	0	1,122	0	0	0	0	0	0	0
Brown Institute	100	0	0	0	100	0	0	0	0	0	0	0
Carleton College	2,073	90	0	0	1,344	0	0	352	0	27	260	0
College of St Benedict	1,800	0	0	0	1,800	0	0	0	0	0	0	0
College of St Catherine	2,294	0	0	0	2,073	0	0	221	0	0	0	0
College of St Scholastica	139	0	0	29	0	0	0	36	0	0	74	0
College Associated Arts	110	0	0	0	110	0	0	0	0	0	0	0
Concordia Col Moorhead	2,109	0	0	87	2,022	0	0	0	0	0	0	0
Concordia Col St Paul	1,042	0	0	0	1,042	0	0	0	0	0	0	0
Dr Martin Luther College	277	0	0	0	277	0	0	0	0	0	0	0
Fergus Falls Cmty College	857	0	0	0	857	0	0	0	0	0	0	0
Gustavus Adolphus College	1,446	0	0	49	1,312	0	0	0	0	0	85	0
Hamline University	1,886	0	0	0	1,880	0	0	0	0	0	6	0
Inver Hills Cmty College	1,649	0	0	0	1,649	0	0	0	0	0	0	0
Itasca Community College	984	0	0	0	984	0	0	0	0	0	0	0
Lakewood Community Col	1,989	0	0	0	1,989	0	0	0	0	0	0	0
Luther Northwest Theo Sem	144	0	0	0	144	0	0	0	0	0	0	0
Macalester College	1,920	0	0	0	1,059	0	0	0	0	0	861	0
Mankato State University	8,886	0	0	43	8,079	0	0	158	0	45	561	0
Medical Institute of Minn	637	0	0	0	637	0	0	0	0	0	0	0
Mesabi Community College	921	0	0	0	921	0	0	0	0	0	0	0
Metro State Univ	696	0	0	0	696	0	0	0	0	0	0	0
Minneapolis Community Col	3,560	0	0	0	3,560	0	0	0	0	0	0	0
Minnesota Bible College	90	0	0	0	90	0	0	0	0	0	0	0
Moorhead State University	5,970	0	0	0	5,945	0	0	0	0	0	25	0
Normandale Community Col	2,339	0	0	0	2,339	0	0	0	0	0	0	0
North Central Bible Col	922	0	0	0	922	0	0	0	0	0	0	0
North Hennepin Cmty Col	1,637	0	0	0	1,637	0	0	0	0	0	0	0
Northland Cmty College	583	1	0	0	582	0	0	0	0	0	0	0
Northwest Technical Inst	62	0	0	0	62	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Minnesota, cont'd:												
Northwestern Col (Minn)	354	0	0	0	354	0	0	0	0	0	0	0
Pillsbury Bptst Bible C	297	0	0	0	297	0	0	0	0	0	0	0
Rainy River Community Col	374	0	0	0	374	0	0	0	0	0	0	0
Rochester Community Col	2,363	0	0	0	2,363	0	0	0	0	0	0	0
Southwest State Univ	2,510	0	0	0	2,441	0	0	0	0	0	69	0
St Cloud Business College	309	0	0	0	309	0	0	0	0	0	0	0
St Cloud State University	9,381	0	178	0	8,996	40	2	0	0	0	165	0
St John's University	1,453	0	0	112	1,230	0	0	92	0	0	19	0
St Mary's College	875	0	0	0	857	0	0	0	0	0	18	0
St Olaf College	2,622	0	0	0	1,996	0	0	0	0	0	626	0
St U Sys of Minn-Sys Off	1,058	0	0	0	0	0	0	750	0	0	308	0
Univ of Saint Thomas	2,423	0	0	0	2,210	0	0	7	0	0	206	0
University of Minnesota	210,856	19,769	1,147	12,333	23,860	5,493	1,797	115,878	1,034	3,568	25,759	218
Vermilion Community Col	530	0	0	0	530	0	0	0	0	0	0	0
Willmar Community College	1,146	0	0	0	1,146	0	0	0	0	0	0	0
Winona State University	3,535	0	0	0	3,331	0	0	18	0	0	186	0
Wm Mitchell Col of Law	289	0	0	0	289	0	0	0	0	0	0	0
Worthington Community Col	605	0	0	0	605	0	0	0	0	0	0	0
Mississippi, total	157,691	25,170	1,855	3,969	94,138	8,950	575	12,415	1,644	1,571	7,058	346
Alcorn State University	10,474	4,085	0	191	6,081	0	0	117	0	0	0	0
Belhaven College	676	0	0	0	676	0	0	0	0	0	0	0
Blue Mountain College	352	0	0	0	352	0	0	0	0	0	0	0
Clarke College	123	0	0	0	123	0	0	0	0	0	0	0
Coahoma Community College	3,809	0	0	0	3,809	0	0	0	0	0	0	0
Copiah-Lincoln Jr Col	1,727	0	0	0	1,727	0	0	0	0	0	0	0
Delta State University	3,309	53	0	0	3,233	0	0	0	0	0	23	0
East Mississippi Comm Col	858	0	0	0	858	0	0	0	0	0	0	0
Hinds Junior College	6,843	0	0	0	6,843	0	0	0	0	0	0	0
Holmes Junior College	14	0	0	0	0	0	0	0	0	0	14	0
Jackson State University	17,833	3	25	486	13,001	1,665	37	1,368	194	373	567	114
Magnolia Bible College	63	0	0	0	63	0	0	0	0	0	0	0
Mary Holmes College	1,998	0	0	0	1,998	0	0	0	0	0	0	0
Millsaps College	654	0	0	0	654	0	0	0	0	0	0	0
Miss Gif Cst JC Perkinstn	56	0	0	0	0	0	0	56	0	0	0	0
Miss University for Women	1,853	0	0	0	1,686	0	0	167	0	0	0	0
Miss Valley State Univ	6,793	623	100	0	6,056	0	14	0	0	0	0	0
Miss-Ala Sea Grant Cnsrtm	1,715	0	1,213	0	0	0	0	0	0	0	502	0
Mississippi College	1,862	0	0	0	1,862	0	0	0	0	0	0	0
Mississippi State Univ	39,749	18,597	200	568	8,733	6,727	0	620	108	932	3,101	163
Northeast Miss Junior Col	2,196	0	0	0	2,196	0	0	0	0	0	0	0
Phillips Col of Jackson	971	0	0	0	971	0	0	0	0	0	0	0
Phillips College	873	0	0	0	873	0	0	0	0	0	0	0
Rust College	3,822	0	0	50	3,570	0	0	202	0	0	0	0
San Joaquin Col of Law	23	0	0	0	23	0	0	0	0	0	0	0
Southeastern Baptist Col	75	0	0	0	75	0	0	0	0	0	0	0
Tougaloo College	3,905	0	0	0	3,161	0	0	744	0	0	0	0
Univ of Sthrn Mississippi	16,484	433	317	1,517	11,718	250	110	720	0	76	1,343	0
University of Mississippi	26,200	1,376	0	1,157	11,415	308	414	8,421	1,342	190	1,508	69
Wesley College	99	0	0	0	99	0	0	0	0	0	0	0
William Carey College	1,683	0	0	0	1,683	0	0	0	0	0	0	0
Wood Junior College	599	0	0	0	599	0	0	0	0	0	0	0
Missouri, total	323,817	22,929	852	6,684	103,865	3,390	567	162,638	2,004	4,032	16,332	524
Assemblies of God Grad Sc	47	0	0	0	47	0	0	0	0	0	0	0
Avila College	832	0	0	0	770	0	0	10	0	0	50	2
Baptist Bible College	944	0	0	0	944	0	0	0	0	0	0	0
Calvary Bible Col	148	0	0	0	148	0	0	0	0	0	0	0
Central Bible College	1,117	0	0	0	1,117	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Missouri, cont'd:												
Central Methodist College	886	0	0	0	886	0	0	0	0	0	0	0
Central Missouri St Univ	5,755	0	0	0	5,696	0	0	25	0	0	34	0
Cleveland Chiro College	79	0	0	0	79	0	0	0	0	0	0	0
Cntrl Christian Col Bible	69	0	0	0	69	0	0	0	0	0	0	0
College of The Ozarks	2,073	0	0	0	2,073	0	0	0	0	0	0	0
Columbia College (MO)	1,645	0	0	0	1,645	0	0	0	0	0	0	0
Conception Sem College	83	0	0	0	83	0	0	0	0	0	0	0
Concordia Seminary	86	0	0	0	86	0	0	0	0	0	0	0
Cottey College	185	0	0	0	185	0	0	0	0	0	0	0
Culver-Stockton College	689	0	0	0	689	0	0	0	0	0	0	0
Drury College	10	0	0	0	0	0	0	0	0	0	10	0
Eden Theological Seminary	7	0	0	0	7	0	0	0	0	0	0	0
Evangel College	1,353	0	0	0	1,353	0	0	0	0	0	0	0
Fontbonne College	448	0	0	0	448	0	0	0	0	0	0	0
Harris Stowe State Col	2,462	0	0	0	2,460	0	0	0	0	0	0	2
ITT Tech Inst - St Louis	207	0	0	0	207	0	0	0	0	0	0	0
Jefferson College	4	0	0	0	4	0	0	0	0	0	0	0
Kansas City Art Inst	529	0	0	0	529	0	0	0	0	0	0	0
Kemper Military Sch & Col	326	0	0	122	204	0	0	0	0	0	0	0
Kirksville Col Osteo Med	2,171	0	0	310	294	0	0	1,567	0	0	0	0
Lincoln University (MO)	7,331	3,991	0	134	3,125	0	0	75	2	0	0	4
Longview Community Col	1,607	0	0	0	1,607	0	0	0	0	0	0	0
Maple Woods Community Co	1,258	0	0	0	1,258	0	0	0	0	0	0	0
Maryville College	736	0	0	0	736	0	0	0	0	0	0	0
Missouri Baptist College	420	0	0	0	420	0	0	0	0	0	0	0
Missouri Southern St Col	3,846	0	0	0	3,846	0	0	0	0	0	0	0
Missouri Valley College	1,115	0	0	0	1,115	0	0	0	0	0	0	0
Missouri Western St Col	3,630	0	0	0	3,630	0	0	0	0	0	0	0
Northeast Missouri St U	2,350	68	0	41	2,241	0	0	0	0	0	0	0
Northwest Missouri St U	3,634	0	0	0	3,634	0	0	0	0	0	0	0
Ozark Bible College	457	0	0	0	457	0	0	0	0	0	0	0
Penn Valley Community C	2,951	0	0	0	2,938	0	0	0	0	0	13	0
Phillips Jr C-Springfield	1,101	0	0	0	1,101	0	0	0	0	0	0	0
Research Col of Nursing	75	0	0	0	75	0	0	0	0	0	0	0
Rockhurst College	960	0	0	32	905	0	0	0	0	0	23	0
Southeast Missouri St U	5,290	0	0	0	5,266	0	0	0	0	0	24	0
Southwest Baptist College	2,298	0	0	0	2,298	0	0	0	0	0	0	0
Southwest Missouri St U	11,037	0	0	0	10,664	0	0	95	67	0	211	0
St Louis Christian Coll	112	0	0	0	112	0	0	0	0	0	0	0
St Louis Col of Pharmacy	277	0	0	0	235	0	0	42	0	0	0	0
St Louis Community Col	7,358	0	0	0	7,358	0	0	0	0	0	0	0
St Louis Rabbinical C	10	0	0	0	10	0	0	0	0	0	0	0
St Louis University	20,173	0	0	892	2,369	0	0	15,307	511	107	647	340
Stephens College	409	0	0	0	385	0	0	0	0	0	24	0
Tarkio College	191	0	0	0	191	0	0	0	0	0	0	0
The Lindenwood Colleges	936	0	0	0	936	0	0	0	0	0	0	0
Univ of Health Sciences	543	0	0	217	0	0	0	326	0	0	0	0
Univ of Missouri Columbia	50,584	18,311	0	603	8,879	1,333	446	16,166	26	74	4,897	49
Univ of Missouri Kan City	8,579	0	0	75	3,898	123	0	4,224	0	0	257	2
Univ of Missouri Rolla	6,993	1	0	843	2,159	386	0	197	1,148	340	1,869	50
Univ of Missouri St Louis	5,344	480	0	339	2,557	0	0	622	16	82	1,248	0
Univ of Missouri Sys Off	3,063	78	801	0	1,725	0	0	150	234	0	0	75
Washington University	144,569	0	51	2,718	5,656	1,548	121	123,821	0	3,429	7,225	0
Wentworth Military Acad	510	0	0	246	264	0	0	0	0	0	0	0
Westminster College	362	0	0	112	250	0	0	0	0	0	0	0
William Jewell College	1,064	0	0	0	1,064	0	0	0	0	0	0	0
William Woods College	489	0	0	0	478	0	0	11	0	0	0	0
Montana, total	52,384	8,798	100	349	26,312	256	1,001	4,006	4,132	662	6,668	100
Blackfeet Community Col	1,425	0	0	0	825	0	0	186	99	0	315	0
Carroll College	976	0	0	0	976	0	0	0	0	0	0	0
College of Great Falls	1,499	0	0	0	1,499	0	0	0	0	0	0	0
Dull Knife Memorial Col	838	0	0	0	428	0	0	0	410	0	0	0
Eastern Montana College	3,675	0	0	0	3,663	0	0	0	12	0	0	0
Fort Belknap College	1,177	0	0	0	777	0	0	0	400	0	0	0
Fort Peck Cmty College	1,202	0	0	0	421	0	0	0	781	0	0	0
Little Big Horn College	1,198	0	0	0	459	0	0	0	739	0	0	0
Miles Community College	936	0	0	0	936	0	0	0	0	0	0	0
Mont Col Minrl Sci & Tech	453	1	0	0	0	0	211	37	148	0	56	0
Montana State University	25,931	8,039	100	281	8,578	156	663	2,193	179	323	5,319	100
Montana U Sys-System Off	340	0	0	0	340	0	0	0	0	0	0	0
Northern Montana College	2,111	0	0	0	2,111	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Montana, cont'd:												
Rocky Mountain College	909	0	0	0	909	0	0	0	0	0	0	0
Salish Kootenai Cmty Col	3,200	26	0	26	1,748	0	0	239	1,161	0	0	0
Stone Child College	204	0	0	0	204	0	0	0	0	0	0	0
University of Montana	5,223	732	0	42	1,351	100	127	1,351	203	339	978	0
Western Montana College	1,087	0	0	0	1,087	0	0	0	0	0	0	0
Nebraska, total	100,068	18,655	385	3,377	38,489	6,528	229	19,611	797	720	8,119	3,158
Bellevue College	613	0	0	0	613	0	0	0	0	0	0	0
Chadron State College	2,398	0	0	0	2,398	0	0	0	0	0	0	0
College of St Mary	832	0	0	0	830	0	0	0	0	0	0	2
Concordia Teachers Col	806	0	0	0	806	0	0	0	0	0	0	0
Creighton University	9,178	0	0	1,278	3,533	65	0	4,302	0	0	0	0
Dana College	474	0	0	0	474	0	0	0	0	0	0	0
Doane College	810	0	0	0	810	0	0	0	0	0	0	0
Grace Col of the Bible	176	0	0	0	176	0	0	0	0	0	0	0
Hastings College	708	0	0	0	708	0	0	0	0	0	0	0
Midland Lutheran College	990	0	0	0	990	0	0	0	0	0	0	0
Nebraska Christian Col	147	0	0	0	147	0	0	0	0	0	0	0
Nebraska Indian Cmty Col	609	0	0	0	0	0	0	0	609	0	0	0
Nebraska Wesleyan Univ	1,072	0	0	0	922	0	0	0	0	0	150	0
Peru State College	1,498	0	0	0	1,467	0	0	31	0	0	0	0
Southeast Neb Tech CC	9	9	0	0	0	0	0	0	0	0	0	0
U of Neb Med Ctr at Omaha	12,835	0	0	0	1,055	0	0	11,670	0	0	110	0
U Neb Ctrl Admin Sys Off	403	246	0	0	0	0	0	0	57	0	0	100
Union College (Neb)	647	0	0	0	647	0	0	0	0	0	0	0
Univ of Nebraska-Kearney	4,816	0	0	29	4,407	0	0	0	0	0	380	0
Univ of Nebraska-Lincoln	52,307	18,322	385	2,070	10,580	6,263	229	3,301	104	695	7,302	3,056
Univ of Nebraska-Omaha	6,229	78	0	0	5,415	200	0	307	27	25	177	0
Wayne State College	2,144	0	0	0	2,144	0	0	0	0	0	0	0
York College	367	0	0	0	367	0	0	0	0	0	0	0
Nevada, total	33,046	3,216	962	225	10,322	1,468	5,069	5,584	2,014	594	3,514	78
Cmty Col of Southern Nev	1,057	0	0	0	1,057	0	0	0	0	0	0	0
Desert Research Institute	2,517	49	526	36	0	135	685	0	0	171	915	0
Northern Nevada Cmty Col	344	0	0	0	344	0	0	0	0	0	0	0
Sierra Nevada College	177	0	0	0	177	0	0	0	0	0	0	0
Truckee Meadows Cmty Col	1,652	0	0	0	1,652	0	0	0	0	0	0	0
U of Nev Sys Adm Sys Off	1,859	0	336	0	0	0	0	115	705	0	653	50
Univ of Nevada - Reno	17,027	3,167	100	189	2,893	1,233	856	5,469	1,173	271	1,651	25
Univ of Nevada Las Vegas	7,725	0	0	0	3,511	100	3,528	0	136	152	295	3
Western Nevada Cmty Col	688	0	0	0	688	0	0	0	0	0	0	0
New Hampshire, total	82,366	4,176	1,792	3,880	18,350	1,496	868	34,417	474	9,372	7,288	253
Castle Junior College	295	0	0	0	295	0	0	0	0	0	0	0
Colby-Sawyer College	233	0	0	0	233	0	0	0	0	0	0	0
Daniel Webster College	147	0	0	0	0	0	0	0	0	0	0	147
Dartmouth College	42,940	251	0	3,195	3,086	920	0	32,004	58	1,080	2,346	0
Franklin Pierce College	839	0	0	0	839	0	0	0	0	0	0	0
Hesser College	1,162	0	0	0	1,162	0	0	0	0	0	0	0
Keene State College	1,685	0	0	0	1,679	0	0	0	0	0	0	6
McIntosh College	400	0	0	0	400	0	0	0	0	0	0	0
New England College	1,168	0	0	0	1,168	0	0	0	0	0	0	0
New Hampshire College	1,097	0	0	0	1,097	0	0	0	0	0	0	0
Notre Dame College (NH)	232	0	0	0	232	0	0	0	0	0	0	0
NH Tech Col-Claremont	359	0	0	0	359	0	0	0	0	0	0	0
NH Tech Col-Laconia	220	0	0	0	220	0	0	0	0	0	0	0
NH Tech Col-Stratham	227	0	0	0	227	0	0	0	0	0	0	0
Plymouth St Col-Univ N H	1,997	0	0	0	1,996	0	1	0	0	0	0	0
Rivier College	263	0	0	0	263	0	0	0	0	0	0	0
St Anselm College	943	0	0	0	833	0	0	110	0	0	0	0
Univ of New Hampshire	27,831	3,925	1,792	685	4,209	576	867	2,027	416	8,292	4,942	100
Univ Sys of N Hamp Sys Of	276	0	0	0	0	0	0	276	0	0	0	0
White Pines College	52	0	0	0	52	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
New Jersey, total	262,624	11,628	1,991	22,769	80,840	7,811	4,177	88,246	413	5,819	38,216	714
Berkeley School, The	535	0	0	0	535	0	0	0	0	0	0	0
Bloomfield College	1,597	0	0	0	1,597	0	0	0	0	0	0	0
Brookdale Community Col	1,524	0	0	53	1,471	0	0	0	0	0	0	0
Burlington County College	793	0	0	0	793	0	0	0	0	0	0	0
Caldwell College	296	0	0	0	296	0	0	0	0	0	0	0
Camden County College	2,331	0	0	0	2,331	0	0	0	0	0	0	0
Centenary College	286	0	0	0	286	0	0	0	0	0	0	0
College of St Elizabeth	405	0	0	0	405	0	0	0	0	0	0	0
County College of Morris	29	0	0	0	0	0	0	0	0	0	29	0
Cumberland County College	1,190	0	0	0	1,190	0	0	0	0	0	0	0
Drew University	962	0	0	0	768	0	0	106	0	0	68	0
Fairleigh Dickinson Univ	3,342	0	0	0	3,342	0	0	0	0	0	0	0
Felician College (NJ)	235	0	0	0	235	0	0	0	0	0	0	0
Georgian Court College	753	0	0	0	753	0	0	0	0	0	0	0
Glassboro State College	3,356	0	0	0	3,356	0	0	0	0	0	0	0
Gloucester County College	952	0	0	0	952	0	0	0	0	0	0	0
Jersey City State College	3,294	0	0	0	3,294	0	0	0	0	0	0	0
Katharine Gibbs Sch (NJ)	476	0	0	0	476	0	0	0	0	0	0	0
Kean Col of New Jersey	3,348	0	0	0	3,298	40	0	0	0	0	10	0
Mercer County Cmty Col	2,885	0	0	0	2,885	0	0	0	0	0	0	0
Middlesex County College	25	0	0	0	0	0	25	0	0	0	0	0
Monmouth College (NJ)	1,009	0	0	0	1,006	0	0	0	0	0	3	0
Montclair State College	3,659	0	0	0	3,659	0	0	0	0	0	0	0
N J Inst of Technology	6,080	0	60	559	2,570	205	1,674	0	0	31	872	109
Passaic County Cmty Col	2,641	0	0	0	2,630	0	0	0	0	0	11	0
Princeton Theol Sem	243	0	0	125	118	0	0	0	0	0	0	0
Princeton University	63,221	0	10	10,431	4,376	6,344	622	16,717	308	4,062	20,351	0
Rabbinical C of America	305	0	0	0	305	0	0	0	0	0	0	0
Rider College	1,829	0	0	0	1,766	0	0	0	0	63	0	0
Rutgers the St Univ of NJ	76,670	11,343	1,921	3,644	17,581	863	1,258	22,870	105	1,137	15,343	605
Salem Community College	639	0	0	0	639	0	0	0	0	0	0	0
Seton Hall University	4,663	0	0	0	3,996	0	0	667	0	0	0	0
St Peter's College	1,681	0	0	0	1,681	0	0	0	0	0	0	0
Stevens Institute of Tech	10,175	0	0	7,477	1,795	40	31	0	0	212	620	0
Stockton State College	1,757	0	0	0	1,757	0	0	0	0	0	0	0
Talmudical Inst Ctrl Jers	58	0	0	0	58	0	0	0	0	0	0	0
Thomas A Edison College	23	0	0	0	23	0	0	0	0	0	0	0
Trenton State College	1,686	0	0	0	1,668	0	0	0	0	0	18	0
Union Cnty Tech Institute	77	0	0	0	0	0	0	0	0	0	77	0
Union County College	2,779	0	0	0	2,779	0	0	0	0	0	0	0
Univ of Med & Dent of N J	51,871	250	0	480	1,269	319	547	47,886	0	314	806	0
Upsala College	1,009	0	0	0	989	0	20	0	0	0	0	0
William Paterson College	1,935	35	0	0	1,892	0	0	0	0	0	8	0
New Mexico, total	165,150	6,955	1,005	33,244	59,082	10,020	710	21,232	537	22,867	9,488	10
College of Santa Fe	1,487	0	0	0	1,402	0	0	85	0	0	0	0
Eastern New Mexico Univ	14,402	0	0	110	14,263	0	0	0	0	0	29	0
N Mex Inst Mining & Tech	5,946	0	0	2,334	996	1,221	360	0	148	133	754	0
New Mexico Highlands Univ	4,808	0	0	0	4,317	0	0	103	0	42	346	0
New Mexico Junior College	960	0	0	0	723	0	0	237	0	0	0	0
New Mexico Military Inst	299	0	0	88	211	0	0	0	0	0	0	0
New Mexico State Univ	73,129	6,950	537	19,060	11,842	7,033	160	2,996	276	21,329	2,946	0
Nrthrn N Mex Cmty Col	2,342	0	0	0	2,342	0	0	0	0	0	0	0
San Juan College	1,085	0	0	0	1,048	0	0	0	37	0	0	0
Santa Fe Community Col	665	5	0	0	660	0	0	0	0	0	0	0
University of New Mexico	58,019	0	468	11,652	19,299	1,766	190	17,811	76	1,363	5,384	10
Western New Mexico Univ	2,008	0	0	0	1,979	0	0	0	0	0	29	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
New York, total	1,428,796	28,657	9,139	73,483	354,220	56,640	5,110	685,694	1,831	23,880	188,161	1,981
Adelphi University	2,319	0	0	0	2,164	0	0	155	0	0	0	0
Albany Col of Pharmacy	384	0	0	0	358	0	0	26	0	0	0	0
Albany Medical College	8,964	0	0	486	286	0	0	8,192	0	0	0	0
Alfred University	1,696	0	0	109	1,311	49	0	0	0	0	227	0
Assoc Beth Rivkah Schools	584	0	0	0	584	0	0	0	0	0	0	0
Bais Fruma	4,415	0	0	0	4,415	0	0	0	0	0	0	0
Bais Medrash L'Torah	10	0	0	0	10	0	0	0	0	0	0	0
Bank Street Col of Ed	2,401	0	0	0	1,865	0	0	0	0	0	536	0
Bard College	792	0	0	0	752	0	0	0	0	0	40	0
Barnard College	2,038	0	0	15	1,146	0	0	549	0	0	328	0
Belzer Yesh-Machzikei Sem	3,021	0	0	0	3,021	0	0	0	0	0	0	0
Berkeley Sch-Hicksville	46	0	0	0	46	0	0	0	0	0	0	0
Berkeley School - N York	984	0	0	0	984	0	0	0	0	0	0	0
Beth Hatalmud Col	292	0	0	0	292	0	0	0	0	0	0	0
Beth Israel Sch Nursing	70	0	0	0	70	0	0	0	0	0	0	0
Beth Jacob Hebr Tchrs Col	6,617	0	0	0	6,617	0	0	0	0	0	0	0
Beth Medrash Emek Halach	27	0	0	0	27	0	0	0	0	0	0	0
Beth Medrash Eyren Hatal	2,248	0	0	0	2,248	0	0	0	0	0	0	0
Bnos Jerusalem Seminary	2,199	0	0	0	2,199	0	0	0	0	0	0	0
Boricua College	2,721	0	0	0	2,721	0	0	0	0	0	0	0
Bramson Ort Tech Inst	1,810	0	0	0	1,810	0	0	0	0	0	0	0
Brooklyn Law School	188	0	0	0	188	0	0	0	0	0	0	0
Bryant & Stratton-Albany	455	0	0	0	455	0	0	0	0	0	0	0
Bryant & Stratton-Buffalo	2,940	0	0	0	2,940	0	0	0	0	0	0	0
Bryant & Stratton-Roch	1,456	0	0	0	1,456	0	0	0	0	0	0	0
Bryant & Stratton-Syracus	1,529	0	0	0	1,529	0	0	0	0	0	0	0
Canisius College	3,940	0	0	122	2,834	0	0	96	0	0	888	0
Catholic Medical Center	32	0	0	0	32	0	0	0	0	0	0	0
Cayuga County Cmty Col	1,397	0	0	0	1,397	0	0	0	0	0	0	0
Cazenovia College	1,127	0	0	0	1,127	0	0	0	0	0	0	0
Clarkson University	7,830	0	64	2,022	1,581	699	45	202	0	1,667	1,550	0
Col of Insurance	65	0	0	0	65	0	0	0	0	0	0	0
Col of Mount St Vincent	703	0	0	0	666	0	0	37	0	0	0	0
Colgate University	1,770	0	0	0	1,008	0	0	158	0	0	604	0
College for Human Service	1,600	0	0	0	1,600	0	0	0	0	0	0	0
College of New Rochelle	6,469	0	0	0	6,031	0	0	44	0	0	394	0
College of St Rose	999	0	0	0	999	0	0	0	0	0	0	0
Columbia U Teachers Col	3,849	0	0	33	3,167	0	0	0	0	0	649	0
Columbia Univ Main Div	164,680	0	1,102	8,518	13,649	7,681	660	125,176	1,235	6,405	0	274
Columbia Univ Sys Off	39,333	0	0	0	0	0	0	661	132	0	38,540	0
Concordia College (NY)	201	0	0	0	201	0	0	0	0	0	0	0
Cooper Union	34	0	0	0	0	0	0	0	0	0	34	0
Cornell University	213,626	26,293	503	18,391	12,548	4,921	752	75,993	192	6,036	67,895	102
Culinary Inst of America	1,476	0	0	0	1,476	0	0	0	0	0	0	0
CUNY Bernard Baruch Col	107	10	0	0	0	0	0	57	0	0	40	0
CUNY Boro of Man Cmty Col	140	0	0	0	0	0	0	140	0	0	0	0
CUNY Bronx Cmty College	390	0	0	0	0	0	0	390	0	0	0	0
CUNY Brooklyn College	1,534	0	0	0	0	0	0	740	0	50	744	0
CUNY Central Sys Off	2,589	0	0	0	0	461	0	250	0	132	751	995
CUNY City College	12,579	0	0	415	0	384	0	5,782	0	294	5,654	50
CUNY Col Staten Island	489	0	0	0	0	33	0	189	0	0	267	0
CUNY Grad Sch & Univ Ctr	4,032	0	0	1,662	0	0	0	2,049	0	0	321	0
CUNY H.H. Lehman Coll	1,911	0	0	0	0	0	0	1,009	0	0	902	0
CUNY Hunter College	6,991	0	0	179	0	40	0	6,189	0	0	583	0
CUNY Jhn Jay Col Crim Jus	338	0	0	0	0	0	0	238	0	0	100	0
CUNY Kingsboro Cmty Col	3	0	0	0	3	0	0	0	0	0	0	0
CUNY Laguardia Cmty Col	162	0	0	0	0	0	0	114	0	48	0	0
CUNY Medgar Evers College	432	0	0	0	0	0	0	382	0	0	50	0
CUNY Mount Sinai Schl Med	54,586	0	0	0	876	176	0	52,672	0	355	509	0
CUNY NY City Tech Col	350	0	0	0	0	0	0	239	0	0	111	0
CUNY Queens College	2,302	0	0	28	0	257	0	1,262	0	0	755	0
CUNY Queensboro Cmty Col	55	0	0	0	0	0	0	0	0	0	55	0
CUNY York College	791	0	0	0	0	0	0	761	0	0	30	0
D'Youville College	1,278	0	0	0	1,102	0	0	176	0	0	0	0
Daemen College	1,521	0	0	0	1,521	0	0	0	0	0	0	0
Darkei No'am Rabbinical C	184	0	0	0	184	0	0	0	0	0	0	0
Derech Ayson Rabbin Sem	2,306	0	0	0	2,306	0	0	0	0	0	0	0
Dominican Col of Blauvelt	353	0	0	0	258	0	0	95	0	0	0	0
Dowling College	2,019	0	0	0	1,890	0	0	0	0	0	0	129

" See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
New York, cont'd:												
Elmira College	819	0	0	0	795	0	0	0	0	0	24	0
Five Towns College	507	0	0	0	507	0	0	0	0	0	0	0
Fordham University	5,630	0	0	169	4,031	0	0	1,138	0	0	292	0
Friends World College	19	0	0	0	19	0	0	0	0	0	0	0
Grad Schl of Poltcl Mngmt	15	0	0	0	15	0	0	0	0	0	0	0
Hamilton College	1,044	0	0	0	756	0	0	0	0	0	288	0
Hartwick College	963	0	0	0	825	0	0	79	0	0	59	0
Hilbert College	608	0	0	0	608	0	0	0	0	0	0	0
Hobart-Wm Smith Colleges	703	0	0	0	695	0	0	0	0	0	8	0
Hofstra University	4,241	0	0	10	3,942	0	0	139	0	86	64	0
Houghton College	949	0	0	0	949	0	0	0	0	0	0	0
Interboro Institute	2,397	0	0	0	2,397	0	0	0	0	0	0	0
Iona College	3,785	0	0	0	3,727	0	0	0	0	0	58	0
Ithaca College	2,605	0	0	0	1,830	0	0	0	0	0	775	0
Jamestown Bus College	385	0	0	0	385	0	0	0	0	0	0	0
Jesode Hatorah	2,499	0	0	0	2,499	0	0	0	0	0	0	0
Jewish Theol Sem of Amer	20	0	0	0	20	0	0	0	0	0	0	0
Juilliard School	514	0	0	0	514	0	0	0	0	0	0	0
Katherine Gibbs School	698	0	0	0	698	0	0	0	0	0	0	0
Kehilath Yakov Rab Sem	211	0	0	0	211	0	0	0	0	0	0	0
Keuka College	1,034	0	0	0	1,034	0	0	0	0	0	0	0
King's College (NY)	368	0	0	0	368	0	0	0	0	0	0	0
Kol Yaakov Torah Center	80	0	0	0	80	0	0	0	0	0	0	0
Lab Inst of Merchandising	104	0	0	0	104	0	0	0	0	0	0	0
Le Moyne College	1,155	0	0	0	1,155	0	0	0	0	0	0	0
Long Island University	11,107	0	0	0	10,557	0	0	168	0	0	382	0
LI Sem Jew Stud Women	338	0	0	0	338	0	0	0	0	0	0	0
Machzikei Hadath Rab Col	144	0	0	0	144	0	0	0	0	0	0	0
Manhattan College	2,186	0	0	0	1,572	45	456	0	0	0	113	0
Manhattanville College	635	0	0	0	635	0	0	0	0	0	0	0
Mannes Col of Music	105	0	0	0	105	0	0	0	0	0	0	0
Maria College of Albany	386	0	0	0	386	0	0	0	0	0	0	0
Marist College	3,205	0	0	0	3,205	0	0	0	0	0	0	0
Marymount College (NY)	860	0	0	0	860	0	0	0	0	0	0	0
Marymount Manhattan Col	815	0	0	0	815	0	0	0	0	0	0	0
Mater Dei College	800	0	0	0	800	0	0	0	0	0	0	0
Medaille College	1,402	0	0	0	1,402	0	0	0	0	0	0	0
Mercy College	4,275	0	0	0	4,275	0	0	0	0	0	0	0
Mes Tor Vodaath Rabin Sem	269	0	0	0	269	0	0	0	0	0	0	0
Mesivta Estn Pkwy Rab Sem	91	0	0	0	91	0	0	0	0	0	0	0
Mesivtha Tifereth Jeru Am	119	0	0	0	119	0	0	0	0	0	0	0
Mirrer Yeshiva Cent Inst	172	0	0	0	172	0	0	0	0	0	0	0
Molloy College	1,500	0	0	0	1,500	0	0	0	0	0	0	0
Mount St Mary College	820	0	0	25	795	0	0	0	0	0	0	0
N Y Col of Podiatric Med	498	0	0	0	129	0	0	369	0	0	0	0
Nazareth Col of Rochester	1,070	0	0	0	1,045	0	0	25	0	0	0	0
New Sch for Soc Research	2,318	0	0	0	2,007	0	0	192	0	0	119	0
New York Chiropractic Col	137	0	0	0	137	0	0	0	0	0	0	0
New York Inst Technology	4,596	0	0	85	4,108	0	0	403	0	0	0	0
New York Medical College	14,477	0	0	688	1,109	0	0	12,480	0	0	200	0
New York University	106,461	2	0	6,591	13,501	3,522	927	75,985	0	301	5,632	0
Niagara University	2,299	0	0	178	2,121	0	0	0	0	0	0	0
Nyack College	562	0	0	0	562	0	0	0	0	0	0	0
Ohr Hameir Theol Sem	54	0	0	0	54	0	0	0	0	0	0	0
Ohr Somayach Tanenbaum	20	0	0	0	20	0	0	0	0	0	0	0
Olean Business Institute	276	0	0	0	276	0	0	0	0	0	0	0
Pace University	4,993	0	0	0	4,262	0	0	731	0	0	0	0
Paul Smith's Col Arts Sci	12	0	0	0	0	0	0	0	0	0	12	0
Polytechnic University	5,908	0	0	2,183	2,050	187	0	0	0	172	1,316	0
Pratt Institute	2,341	0	0	0	2,271	0	0	0	0	0	70	0
Rab Col Bobover Yeshiva	594	0	0	0	594	0	0	0	0	0	0	0
Rabbcl Coll Ch'San So	106	0	0	0	106	0	0	0	0	0	0	0
Rabbinical C Beth Shraga	64	0	0	0	64	0	0	0	0	0	0	0
Rabbinical College L I	97	0	0	0	97	0	0	0	0	0	0	0
Rabbinical Sem of America	92	0	0	0	92	0	0	0	0	0	0	0
Rabbinical Sem Mkor Chaim	108	0	0	0	108	0	0	0	0	0	0	0
Rabbinicl Sem Adas Yereim	145	0	0	0	145	0	0	0	0	0	0	0
Rensselaer Polytech Inst	27,485	40	3,317	8,436	0	2,386	202	2,261	48	3,156	7,209	430
Rika Breuer Tchrs Sem	32	0	0	0	32	0	0	0	0	0	0	0
Roberts Wesleyan College	864	0	0	0	852	0	0	0	0	0	12	0
Rochester Inst Technology	38,875	0	0	967	37,500	40	0	66	0	106	196	0
Rockefeller University	42,660	0	0	249	0	1,224	0	39,723	0	0	1,464	0
Russell Sage College	2,400	0	0	0	2,181	0	0	219	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
New York, cont'd:												
Sara Schenirer Tchrs Sem	1,462	0	0	0	1,462	0	0	0	0	0	0	0
Sarah Lawrence College	436	0	0	0	410	0	0	0	0	0	26	0
Sh'or Yoshuv Rabbinical C	57	0	0	0	57	0	0	0	0	0	0	0
Siena College	1,311	0	0	148	1,135	0	0	0	0	0	28	0
Skidmore College	1,507	0	0	0	1,410	0	0	97	0	0	0	0
St Bonaventure University	960	0	0	0	954	0	0	0	0	0	6	0
St Francis College (NY)	1,011	0	0	0	1,011	0	0	0	0	0	0	0
St John Fisher College	1,244	0	0	0	1,244	0	0	0	0	0	0	0
St John's University (NY)	7,812	0	0	0	6,892	0	0	916	0	0	4	0
St Joseph's College	726	0	0	0	726	0	0	0	0	0	0	0
St Lawrence University	1,079	8	0	0	1,071	0	0	0	0	0	0	0
St Thomas Aquinas College	470	0	0	0	470	0	0	0	0	0	0	0
Stenotype Academy	706	0	0	0	706	0	0	0	0	0	0	0
Suffolk Co CC Eastern Cam	4	0	0	0	4	0	0	0	0	0	0	0
Syracuse University	25,729	0	0	2,111	10,861	1,278	254	7,114	66	126	3,919	0
SUNY - Hlth Sci Brooklyn	15,635	0	0	0	0	0	0	15,463	0	0	172	0
SUNY - Hlth Sci Syracuse	11,161	0	0	0	170	338	0	10,340	0	0	313	0
SUNY at Albany	16,036	805	0	636	1,814	1,138	411	7,569	0	571	3,092	0
SUNY at Binghamton	6,143	0	1,610	77	968	219	0	1,617	0	228	1,424	0
SUNY at Buffalo All Cmps	48,539	734	0	6,335	0	658	1,171	28,855	18	609	10,159	0
SUNY at Stony Brook	56,928	0	0	433	1,707	4,155	95	33,093	0	1,760	15,685	0
SUNY Adirondack CC	1,152	0	0	0	1,152	0	0	0	0	0	0	0
SUNY Ag & Tech Alfred	363	0	0	0	363	0	0	0	0	0	0	0
SUNY Ag & Tech Canton	480	0	0	0	480	0	0	0	0	0	0	0
SUNY Ag & Tech Cobleskill	233	0	0	0	171	0	0	0	0	0	62	0
SUNY Ag & Tech Delhi	245	0	0	0	245	0	0	0	0	0	0	0
SUNY Ag & Tech Farmingdle	879	0	0	0	879	0	0	0	0	0	0	0
SUNY Ag & Tech Morrisvlle	194	0	0	0	194	0	0	0	0	0	0	0
SUNY Broome Cmty Col	36	0	0	0	0	0	0	0	0	0	36	0
SUNY Clinton Cmty College	1,177	0	0	0	1,177	0	0	0	0	0	0	0
SUNY Cmty Col Finger Lake	1,847	0	0	0	1,847	0	0	0	0	0	0	0
SUNY Col at Old Westbury	1,511	0	0	0	586	0	0	895	0	0	30	0
SUNY Col of Env Sci & For	647	625	0	0	0	0	0	0	0	22	0	0
SUNY College at Purchase	747	0	0	0	624	0	0	0	0	45	78	0
SUNY College Brockport	1,537	0	0	0	1,363	0	0	0	0	0	174	0
SUNY College Buffalo	4,887	0	0	970	3,751	0	0	0	0	166	0	0
SUNY College Cortland	806	0	0	114	624	0	0	0	0	0	68	0
SUNY College Fredonia	1,213	0	0	0	568	0	0	0	0	0	645	0
SUNY College Geneseo	896	0	0	0	652	0	0	0	0	0	244	0
SUNY College New Paltz	1,122	0	0	0	1,101	0	0	0	0	0	21	0
SUNY College Oneonta	703	0	0	0	703	0	0	0	0	0	0	0
SUNY College Oswego	716	0	0	0	372	0	0	0	0	11	333	0
SUNY College Plattsburgh	1,329	0	45	0	884	0	0	237	0	30	133	0
SUNY College Potsdam	682	0	0	0	515	0	0	0	0	0	167	0
SUNY Columbia Greene Col	826	0	0	0	826	0	0	0	0	0	0	0
SUNY Corning Cmty College	2,296	0	0	0	2,296	0	0	0	0	0	0	0
SUNY Dutchess Cmty Col	1,457	0	0	0	1,457	0	0	0	0	0	0	0
SUNY Erie CC North Cam	99	0	0	0	0	99	0	0	0	0	0	0
SUNY Fashion Inst Tech	42	0	0	41	0	0	0	0	0	0	0	1
SUNY Genesee Cmty Col	2,562	0	0	0	2,562	0	0	0	0	0	0	0
SUNY Hudson Val Cmty Col	2,525	0	0	88	2,437	0	0	0	0	0	0	0
SUNY Inst Tech Utica-Rome	263	0	0	0	169	0	0	0	0	0	94	0
SUNY Jefferson Cmty Col	1,354	0	0	0	1,354	0	0	0	0	0	0	0
SUNY Maritime College	252	0	0	252	0	0	0	0	0	0	0	0
SUNY Mohawk Valley CC	3,697	0	0	0	3,697	0	0	0	0	0	0	0
SUNY Monroe Cmty College	5,000	0	0	0	5,000	0	0	0	0	0	0	0
SUNY Nassau Cmty College	3,460	0	0	0	3,425	0	0	0	0	0	35	0
SUNY Niagara Cty Cmty Col	3,195	0	0	0	3,195	0	0	0	0	0	0	0
SUNY North Cntry Cmty Col	1,354	0	0	0	1,354	0	0	0	0	0	0	0
SUNY Onondaga Cmty Col	3,145	0	0	0	3,143	0	2	0	0	0	0	0
SUNY Orange Co Cmty Col	1,885	0	0	0	1,885	0	0	0	0	0	0	0
SUNY Rockland Cmty Col	2,983	0	0	0	2,983	0	0	0	0	0	0	0
SUNY St Col of Optometry	279	0	0	0	116	0	0	163	0	0	0	0
SUNY Suffolk Co Cmty Col	5,172	0	0	0	5,172	0	0	0	0	0	0	0
SUNY System Office	6,548	0	2,498	799	0	0	0	2,236	140	0	875	0
SUNY Tompkins Cortlnd CC	1,774	0	0	0	1,774	0	0	0	0	0	0	0
SUNY Ulster Cnty Cmty Col	1,432	0	0	0	1,432	0	0	0	0	0	0	0
SUNY Westchester CC	135	0	0	0	0	0	135	0	0	0	0	0
Talmud Sem Oholei Torah	531	0	0	0	531	0	0	0	0	0	0	0
Talmudical Inst Upst N Y	25	0	0	0	25	0	0	0	0	0	0	0
The Berkeley College	204	0	0	0	204	0	0	0	0	0	0	0
Tobe-Coburn Sch Fash Car	53	0	0	0	53	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
New York, cont'd:												
Toldos Yakov Yosef	3,104	0	0	0	3,104	0	0	0	0	0	0	0
Touro College	14,799	0	0	0	14,799	0	0	0	0	0	0	0
Trocaire College	1,114	0	0	0	1,114	0	0	0	0	0	0	0
Union College (NY)	1,169	0	0	0	859	0	0	46	0	0	264	0
Union Theol Seminary (NY)	91	0	0	0	91	0	0	0	0	0	0	0
University of Rochester	131,293	140	0	9,623	4,053	26,670	0	80,520	0	1,504	8,783	0
Vassar College	1,771	0	0	0	1,384	0	0	263	0	0	124	0
Villa Maria Col Buffalo	546	0	0	0	546	0	0	0	0	0	0	0
Wadhams Hall	28	0	0	0	28	0	0	0	0	0	0	0
Wagner College	685	0	0	0	617	0	0	68	0	0	0	0
Webb Inst of Naval Arch	34	0	0	0	0	0	0	0	0	0	34	0
Wells College	414	0	0	0	414	0	0	0	0	0	0	0
Westchester Business Col	848	0	0	0	848	0	0	0	0	0	0	0
Wood School	608	0	0	0	608	0	0	0	0	0	0	0
Yeshiva & Kollel Har. Tor	75	0	0	0	75	0	0	0	0	0	0	0
Yeshiva of Nitra Rabbin C	200	0	0	0	200	0	0	0	0	0	0	0
Yeshiva Bais Yisroel	37	0	0	0	37	0	0	0	0	0	0	0
Yeshiva Derech Chaim	130	0	0	0	130	0	0	0	0	0	0	0
Yeshiva Karlin Stolin	78	0	0	0	78	0	0	0	0	0	0	0
Yeshiva University	79,779	0	0	295	1,000	0	0	78,201	0	0	283	0
Yeshivat Mikdash Melech	23	0	0	0	23	0	0	0	0	0	0	0
Yeshivath Zichron Moshe	157	0	0	0	157	0	0	0	0	0	0	0
North Carolina, total	534,478	34,427	4,580	24,339	126,073	7,464	10,160	275,453	845	7,586	37,798	5,753
Anson Technical College	290	0	0	0	290	0	0	0	0	0	0	0
Appalachian St University	4,391	0	0	0	3,906	0	100	87	0	23	275	0
Barber-Scotia College	1,805	0	0	0	1,805	0	0	0	0	0	0	0
Barton College	1,039	0	0	0	1,039	0	0	0	0	0	0	0
Belmont Abbey College	461	0	0	0	461	0	0	0	0	0	0	0
Bennett College (NC)	520	0	0	0	0	40	0	480	0	0	0	0
Brevard College	388	0	0	0	388	0	0	0	0	0	0	0
Campbell University	1,438	0	0	112	1,326	0	0	0	0	0	0	0
Catawba College	507	0	0	0	488	0	0	0	0	0	19	0
Cecils Junior College	1,154	0	0	0	1,154	0	0	0	0	0	0	0
Central Carolina Tech Col	476	0	0	0	476	0	0	0	0	0	0	0
Chowan College	1,049	0	0	0	1,049	0	0	0	0	0	0	0
Coastal Carolina Cmty Col	708	0	0	0	708	0	0	0	0	0	0	0
Davidson College	1,155	0	0	341	470	0	0	0	0	0	344	0
Duke University	149,091	465	251	7,419	4,356	4,221	1,948	115,473	164	623	14,171	0
East Carolina University	10,052	0	99	534	5,054	0	0	4,093	0	0	272	0
East Coast Bible College	224	0	0	0	224	0	0	0	0	0	0	0
Elizabeth City State Univ	4,047	0	0	29	4,012	0	6	0	0	0	0	0
Elon College	965	0	0	0	965	0	0	0	0	0	0	0
Fayetteville State Univ	5,436	0	0	0	5,150	0	0	286	0	0	0	0
Fayetteville Tech Inst	1,441	0	0	434	1,007	0	0	0	0	0	0	0
Gardner-Webb College	1,201	0	0	0	1,201	0	0	0	0	0	0	0
Greensboro College	534	0	0	0	534	0	0	0	0	0	0	0
Guilford College	1,065	0	0	0	1,065	0	0	0	0	0	0	0
Guilford Technical Inst	697	0	0	0	697	0	0	0	0	0	0	0
Hardbarger J Col of Bus	1,130	0	0	0	1,130	0	0	0	0	0	0	0
Haywood Community Col	4	4	0	0	0	0	0	0	0	0	0	0
John Wesley Col (NC)	59	0	0	0	59	0	0	0	0	0	0	0
Johnson C Smith Univ	3,673	0	0	0	3,169	11	0	493	0	0	0	0
Lees-McRae College	514	0	0	0	514	0	0	0	0	0	0	0
Lenoir-Rhyne College	651	0	0	0	651	0	0	0	0	0	0	0
Livingstone College	1,805	0	0	0	1,805	0	0	0	0	0	0	0
Louisburg College	475	0	0	0	475	0	0	0	0	0	0	0
Mars Hill College	1,270	0	0	0	1,270	0	0	0	0	0	0	0
Meredith College	558	0	0	0	510	0	0	0	0	0	48	0
Methodist College	944	0	0	0	944	0	0	0	0	0	0	0
Montreat-Anderson College	369	0	0	0	369	0	0	0	0	0	0	0
Mount Olive College	448	0	0	0	431	0	0	0	0	0	17	0
N C State Univ at Raleigh	70,037	24,630	2,034	6,727	7,900	1,876	2,805	6,300	681	3,672	9,377	4,035
North Caro Wesleyan Col	495	0	0	0	495	0	0	0	0	0	0	0
North Carolina Cntrl Univ	6,415	17	0	339	5,545	0	53	430	0	0	31	0
NC Ag & Tech State Univ	17,978	5,889	0	1,618	6,133	160	75	1,101	0	2,514	338	150
Peace College	94	0	0	0	94	0	0	0	0	0	0	0
Pembroke State University	2,051	0	0	0	1,670	0	0	320	0	0	61	0
Pfeiffer College	562	0	0	0	562	0	0	0	0	0	0	0
Phillips Jr Col-Raleigh	303	0	0	0	303	0	0	0	0	0	0	0
Phillips Jr Coll-Charlo	343	0	0	0	343	0	0	0	0	0	0	0
Phillips Jr Coll-Fayett	786	0	0	0	786	0	0	0	0	0	0	0
Phillips Jr Coll-Grnsbo	437	0	0	0	437	0	0	0	0	0	0	0
Piedmont Bible Col	237	0	0	0	237	0	0	0	0	0	0	0
Queens College	424	0	0	0	424	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
North Carolina, cont'd:												
Roanoke Bible College	82	0	0	0	82	0	0	0	0	0	0	0
Rowan Technical College	566	0	0	0	481	0	0	0	0	0	85	0
Salem College	217	0	0	0	217	0	0	0	0	0	0	0
Shaw University	4,930	20	0	0	4,746	0	40	75	0	37	12	0
St Andrews Presby Col	477	0	0	0	477	0	0	0	0	0	0	0
St Augustines College	5,424	0	0	253	5,140	0	0	31	0	0	0	0
St Mary's College	57	0	0	0	57	0	0	0	0	0	0	0
Stanly Technical College	353	0	0	0	353	0	0	0	0	0	0	0
Surry Community College	701	0	0	0	701	0	0	0	0	0	0	0
Univ of N C at Asheville	1,082	4	0	0	879	0	0	0	0	0	199	0
Univ of N C at Charlotte	7,065	0	43	584	4,476	96	0	135	0	79	1,652	0
Univ of N C at Greensboro	9,842	143	0	0	6,774	0	0	1,721	0	10	1,194	0
Univ of N C at Wilmington	4,825	0	1,646	210	2,312	0	0	137	0	0	520	0
Univ of N C Sys Off	2,085	80	125	0	0	0	312	0	0	0	0	1,568
Univ of NC at Chapel Hill	139,795	406	100	4,598	14,323	1,017	4,821	105,406	0	366	8,758	0
Vance-Granville Cmty Coll	717	0	0	0	717	0	0	0	0	0	0	0
Wake Forest University	43,618	2,767	239	379	1,437	43	0	38,114	0	262	377	0
Warren Wilson College	441	0	0	0	441	0	0	0	0	0	0	0
Western Carolina Univ	3,781	2	43	0	3,706	0	0	0	0	0	30	0
Western Piedmont Cmty Col	520	0	0	0	520	0	0	0	0	0	0	0
Wilkes Community College	762	0	0	762	0	0	0	0	0	0	0	0
Wingate College	688	0	0	0	688	0	0	0	0	0	0	0
Winston-Salem State Univ	4,254	0	0	0	3,465	0	0	771	0	0	18	0
North Dakota, total	79,088	17,986	85	1,442	35,042	8,827	0	4,577	3,290	181	2,100	5,558
Dickinson State College	1,475	0	0	0	1,475	0	0	0	0	0	0	0
Fort Bethold Cmty College	490	0	0	0	0	0	0	0	490	0	0	0
Jamestown College	1,117	0	0	0	1,117	0	0	0	0	0	0	0
Little Hoop Com Col	1,110	0	0	0	392	0	0	258	460	0	0	0
Mayville State College	996	0	0	0	996	0	0	0	0	0	0	0
Minot State College	3,182	0	0	0	3,182	0	0	0	0	0	0	0
N Dak State School Sci	2,088	0	0	0	2,088	0	0	0	0	0	0	0
North Dakota State Univ	29,759	14,070	85	389	11,795	85	0	275	157	0	1,798	1,105
Standing Rock College	1,766	0	0	0	1,040	0	0	0	726	0	0	0
Trinity Bible Institute	600	0	0	0	600	0	0	0	0	0	0	0
Turtle Mountain Comm Col	2,132	0	0	0	823	0	0	0	1,309	0	0	0
United Tribes Tech Col	2	0	0	0	0	0	0	2	0	0	0	0
University of Mary	1,720	0	0	0	1,700	0	0	20	0	0	0	0
University of N Dakota	31,768	3,916	0	1,053	8,951	8,742	0	4,022	148	181	302	4,453
Valley City State College	883	0	0	0	883	0	0	0	0	0	0	0
Ohio, total	577,107	22,281	1,458	41,950	234,123	16,071	8,538	181,793	564	23,016	38,522	8,791
Antioch University	2,602	0	0	0	2,590	0	0	0	0	0	12	0
Art Academy of Cincinnati	136	0	0	0	136	0	0	0	0	0	0	0
Ashland University	2,700	0	0	0	2,683	0	0	0	0	0	17	0
Baldwin-Wallace College	2,250	0	0	0	2,236	0	0	0	0	14	0	0
Bliss College	882	0	0	0	882	0	0	0	0	0	0	0
Bluffton College	516	0	0	0	516	0	0	0	0	0	0	0
Bowling Green State Univ	16,364	0	0	268	14,476	0	0	828	0	0	792	0
Bradford School	295	0	0	0	295	0	0	0	0	0	0	0
Capital University	1,289	0	0	62	1,227	0	0	0	0	0	0	0
Careercom Col of Business	1,516	0	0	0	1,516	0	0	0	0	0	0	0
Case Western Reserve Univ	101,150	380	0	2,837	3,621	10,232	117	71,262	0	7,629	5,072	0
Cedarville College	721	0	0	0	721	0	0	0	0	0	0	0
Central State University	780	0	0	490	0	17	0	206	0	0	67	0
Chatfield College	104	0	0	0	104	0	0	0	0	0	0	0
Cincinnati Bible Seminary	513	0	0	0	513	0	0	0	0	0	0	0
Cincinnati Technical Inst	1,839	0	0	0	1,775	0	0	64	0	0	0	0
Circleville Bible College	214	0	0	0	214	0	0	0	0	0	0	0
Cleveland State Univ	11,734	0	75	0	6,639	0	0	1,783	0	3,185	30	22
Col Mt St Joseph-on-Ohio	779	0	0	0	779	0	0	0	0	0	0	0
College of Wooster	1,180	0	0	0	998	0	0	0	0	0	182	0
Columbus Col Art & Design	882	0	0	0	882	0	0	0	0	0	0	0
Columbus State Comm Coll	110	0	0	110	0	0	0	0	0	0	0	0
Cuyahoga Cmty College	493	0	0	0	0	0	0	89	0	312	92	0
Davis Junior College	543	0	0	0	543	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Ohio, cont'd:												
Defiance College	738	0	0	0	738	0	0	0	0	0	0	0
Denison University	899	0	0	0	677	49	0	82	0	0	91	0
Dyke College	1,501	0	0	0	1,501	0	0	0	0	0	0	0
Electronic Tech Inst-Ohio	850	0	0	0	850	0	0	0	0	0	0	0
Franciscan U Steubenville	894	0	0	0	894	0	0	0	0	0	0	0
Franklin University	1,058	0	0	0	1,058	0	0	0	0	0	0	0
God's Bible School & Col	200	0	0	0	200	0	0	0	0	0	0	0
Heidelberg College	792	0	20	0	763	0	0	0	0	0	9	0
Hiram College	942	0	0	0	942	0	0	0	0	0	0	0
Hocking Technical College	150	0	0	0	0	0	0	150	0	0	0	0
ITT Tech Institute-Ohio	169	0	0	0	169	0	0	0	0	0	0	0
John Carroll University	1,483	0	0	73	1,103	0	0	0	0	230	77	0
Kent State University	39,393	0	12	898	32,750	147	0	1,467	0	395	3,724	0
Kenyon College	514	0	0	0	413	0	0	0	0	9	92	0
Lake Erie College	215	0	0	0	215	0	0	0	0	0	0	0
Lima Technical College	1,480	0	0	0	1,480	0	0	0	0	0	0	0
Lorain County Cmty Col	61	0	0	0	0	0	0	0	0	61	0	0
Lourdes College	340	0	0	0	340	0	0	0	0	0	0	0
Malone College	987	0	0	0	987	0	0	0	0	0	0	0
Marietta College	1,192	0	0	0	1,079	0	0	0	0	0	113	0
Marion Technical College	1,453	0	0	0	1,453	0	0	0	0	0	0	0
Med Col of Ohio at Toledo	8,893	0	0	0	204	0	250	8,288	0	0	151	0
Methodist Theol Sch Ohio	36	0	0	0	36	0	0	0	0	0	0	0
Miami University (Ohio)	12,973	295	0	715	8,227	43	360	428	0	71	2,834	0
Michael J Owens Tech Col	21	0	0	0	0	0	0	0	0	0	21	0
Mount Union College	1,212	0	0	0	1,212	0	0	0	0	0	0	0
Mt Vernon Nazarene Col	869	0	0	0	869	0	0	0	0	0	0	0
Muskingum Area Tech Col	32	0	0	0	0	0	0	0	0	0	32	0
Muskingum College	741	0	0	0	741	0	0	0	0	0	0	0
North Central Tech Col	1,524	0	0	0	1,524	0	0	0	0	0	0	0
Notre Dame College (OH)	399	0	0	0	297	0	0	0	0	0	102	0
NE Ohio Univs Col of Med	1,422	0	0	0	86	0	0	1,158	0	0	178	0
Oberlin College	2,720	0	0	0	2,189	0	0	70	0	0	461	0
Ohio Col of Podiatric Med	99	0	0	0	0	0	0	99	0	0	0	0
Ohio Dominican College	804	0	0	0	793	0	0	0	0	0	11	0
Ohio Northern University	1,484	0	0	0	1,448	0	0	36	0	0	0	0
Ohio State University	120,030	21,221	1,285	5,368	16,973	4,108	1,266	39,544	564	5,612	17,453	6,636
Ohio University	27,820	170	0	786	22,066	491	0	1,225	0	483	691	1,908
Ohio Wesleyan University	1,626	0	0	136	1,379	0	0	0	0	0	111	0
Otterbein College	1,145	0	0	78	1,067	0	0	0	0	0	0	0
Penn-Ohio Junior College	177	0	0	0	177	0	0	0	0	0	0	0
Rabbinical Col of Telshe	209	0	0	0	209	0	0	0	0	0	0	0
Sinclair Community Col	82	0	0	0	0	0	0	82	0	0	0	0
Southern Ohio College	2,993	0	0	0	2,993	0	0	0	0	0	0	0
Stark Technical Institute	1,706	0	0	0	1,706	0	0	0	0	0	0	0
Terra Technical College	965	0	0	0	965	0	0	0	0	0	0	0
The University of Findlay	2,071	0	0	0	2,071	0	0	0	0	0	0	0
Tiffin University	532	0	0	0	532	0	0	0	0	0	0	0
Trinity Lutheran Seminary	120	0	0	0	120	0	0	0	0	0	0	0
Union Institute	397	0	0	0	397	0	0	0	0	0	0	0
United Theol Sem (OH)	97	0	0	0	97	0	0	0	0	0	0	0
University of Akron	14,896	0	0	96	11,828	176	149	661	0	1,101	885	0
University of Cincinnati	83,448	206	0	3,093	23,135	401	5,800	46,302	0	1,695	2,816	0
University of Dayton	28,934	0	66	24,176	2,894	0	455	136	0	127	855	225
University of Rio Grande	1,619	0	0	0	1,619	0	0	0	0	0	0	0
University of Toledo	13,872	0	0	212	10,311	182	4	1,267	0	1,477	419	0
Urbana University	1,698	0	0	0	1,698	0	0	0	0	0	0	0
Ursuline College	594	0	0	32	562	0	0	0	0	0	0	0
Virginia Marti Fash Inst	109	0	0	0	109	0	0	0	0	0	0	0
Walsh College	707	0	0	0	707	0	0	0	0	0	0	0
West Side Inst of Tech	407	0	0	0	407	0	0	0	0	0	0	0
Wilberforce University	4,161	6	0	0	4,155	0	0	0	0	0	0	0
Wilmington College	260	0	0	260	0	0	0	0	0	0	0	0
Wittenberg University	1,111	0	0	0	1,111	0	0	0	0	0	0	0
Wright State University	16,694	3	0	1,924	6,349	40	137	6,505	0	615	1,121	0
Xavier University	2,007	0	0	298	1,463	185	0	61	0	0	0	0
Youngstown C Bus & Draftg	108	0	0	0	108	0	0	0	0	0	0	0
Youngstown St University	8,380	0	0	38	8,331	0	0	0	0	0	11	0
Oklahoma, total	159,219	16,889	898	10,273	95,970	2,391	1,379	18,340	651	5,263	6,898	267
Bartlesville Wesleyan Col	558	0	0	0	558	0	0	0	0	0	0	0
Bethany Nazarene College	990	0	0	0	990	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Oklahoma, cont'd:												
Cameron University	3,965	0	0	26	3,939	0	0	0	0	0	0	0
Carl Albert Junior Col	2,200	0	0	0	2,200	0	0	0	0	0	0	0
Central State Univ (OK)	4,174	0	0	0	4,174	0	0	0	0	0	0	0
Connors State College	2,157	0	0	0	2,157	0	0	0	0	0	0	0
East Central University	4,991	0	0	0	4,771	0	220	0	0	0	0	0
Eastern Okla State Col	1,485	20	0	0	1,465	0	0	0	0	0	0	0
Flaming Rainbow Univ	535	0	0	0	535	0	0	0	0	0	0	0
Hillsdale F-W-Baptist Col	178	0	0	0	178	0	0	0	0	0	0	0
Langston University	7,819	3,472	0	0	4,153	7	0	122	0	0	0	65
Murray State College	1,361	0	0	0	1,361	0	0	0	0	0	0	0
Northeastern Okla A&M Col	2,590	0	0	0	2,590	0	0	0	0	0	0	0
Northeastern State Univ	6,950	0	0	0	6,922	0	0	28	0	0	0	0
Northern Oklahoma College	972	0	0	0	972	0	0	0	0	0	0	0
Northwestern Okla St Univ	1,370	0	0	0	1,370	0	0	0	0	0	0	0
Okla Panhandle State Univ	897	0	0	0	897	0	0	0	0	0	0	0
Oklahoma Baptist Univ	1,204	0	0	0	1,204	0	0	0	0	0	0	0
Oklahoma City University	1,029	0	0	0	1,029	0	0	0	0	0	0	0
Oklahoma State University	46,886	13,272	7	9,353	13,088	470	618	2,144	384	5,026	2,424	100
Oral Roberts University	4,177	0	0	0	4,177	0	0	0	0	0	0	0
OK Christian Univ Sci/Art	1,315	0	0	0	1,315	0	0	0	0	0	0	0
OK City Community College	43	0	0	0	0	0	0	0	0	0	43	0
OK Junior Col Bus & Tech	949	0	0	0	949	0	0	0	0	0	0	0
Phillips University	857	0	0	0	857	0	0	0	0	0	0	0
Redlands Cmty Col	5	5	0	0	0	0	0	0	0	0	0	0
Roger State College	3,055	0	0	0	3,055	0	0	0	0	0	0	0
Rose State College	59	0	0	59	0	0	0	0	0	0	0	0
Seminole Junior Col (OK)	1,147	0	0	0	1,147	0	0	0	0	0	0	0
Southeastern Okla St Univ	4,730	0	0	9	4,318	0	0	403	0	0	0	0
Southwestern Okla St Univ	3,433	0	0	0	3,433	0	0	0	0	0	0	0
St Gregorys College	183	0	0	0	183	0	0	0	0	0	0	0
SW Col of Christian Minis	149	0	0	0	149	0	0	0	0	0	0	0
Tulsa Junior College	3,199	0	0	0	3,199	0	0	0	0	0	0	0
Univ Sci & Arts of Okla	1,797	0	0	0	1,797	0	0	0	0	0	0	0
University of Oklahoma	37,431	120	891	826	13,637	1,669	447	15,388	267	237	3,847	102
University of Tulsa	3,543	0	0	0	2,365	245	94	255	0	0	584	0
Westrn Oklahoma State Col	836	0	0	0	836	0	0	0	0	0	0	0
Oregon, total	211,371	15,846	6,046	9,536	69,105	17,451	3,225	56,867	4,960	3,089	24,220	1,026
Chemeketa Community Col	3,484	0	0	0	3,484	0	0	0	0	0	0	0
Clatsop Community College	703	0	0	0	703	0	0	0	0	0	0	0
Columbia Christian Col	298	0	0	0	298	0	0	0	0	0	0	0
Concordia College (Ore)	482	0	0	0	482	0	0	0	0	0	0	0
Eastern Oregon St College	2,294	0	100	0	2,194	0	0	0	0	0	0	0
Eugene Bible College	214	0	0	0	214	0	0	0	0	0	0	0
George Fox College	1,054	0	0	0	1,054	0	0	0	0	0	0	0
ITT Technical Inst	262	0	0	0	262	0	0	0	0	0	0	0
Lane Community College	200	0	200	0	0	0	0	0	0	0	0	0
Lewis & Clark College	1,712	0	0	0	1,660	0	0	0	0	0	52	0
Linfield College	1,875	0	0	174	1,701	0	0	0	0	0	0	0
Marylhurst Education Ctr	368	0	0	0	368	0	0	0	0	0	0	0
Mt Angel Seminary	12	0	0	0	12	0	0	0	0	0	0	0
Multnomah School of Bible	360	0	0	0	360	0	0	0	0	0	0	0
Nat Col of Natur Medicine	2,018	0	0	0	0	0	0	2,018	0	0	0	0
Northwest Christian Col	276	0	0	0	276	0	0	0	0	0	0	0
Oregon Grad Inst Sci Tech	4,869	357	0	759	0	505	456	503	800	0	1,246	243
Oregon Hlth Sciences Univ	49,398	0	0	623	342	12,428	0	35,544	0	0	461	0
Oregon Institute of Tech	418	0	0	0	0	262	0	0	0	0	156	0
Oregon Polytechnic Inst	268	0	0	0	268	0	0	0	0	0	0	0
Oregon State University	70,185	15,085	5,746	6,154	8,812	1,499	2,734	8,305	3,999	2,769	14,299	783
Pacific NW College of Art	469	0	0	0	469	0	0	0	0	0	0	0
Pacific University	2,069	0	0	44	1,957	0	0	38	0	0	30	0
Portland Community Col	7,508	0	0	0	7,508	0	0	0	0	0	0	0
Portland State University	9,704	274	0	28	7,946	90	5	522	51	0	788	0
Reed College	1,957	0	0	0	772	41	0	92	0	38	1,014	0
Southern Oregon St Col	3,445	0	0	0	3,381	0	0	0	0	0	64	0
Treasure Valley Cmty Col	708	0	0	0	708	0	0	0	0	0	0	0
University of Oregon Main	37,285	130	0	1,089	17,335	2,626	30	9,595	110	282	6,088	0
University of Portland	1,944	0	0	665	1,279	0	0	0	0	0	0	0
Western Baptist College	353	0	0	0	353	0	0	0	0	0	0	0
Western Oregon State Coll	3,583	0	0	0	3,333	0	0	250	0	0	0	0
Willamette University	1,303	0	0	0	1,281	0	0	0	0	0	22	0
Wstrn States Chioprctc C	293	0	0	0	293	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Pennsylvania, total	945,117	22,576	988	186,209	215,202	20,859	5,369	385,844	3,582	16,937	85,370	2,181
Albright College	613	0	0	0	613	0	0	0	0	0	0	0
Allegheny College	2,280	0	0	0	1,027	50	0	100	0	0	1,103	0
Allentown C St Fr Desales	627	0	0	30	597	0	0	0	0	0	0	0
Alvernia College	381	0	0	0	381	0	0	0	0	0	0	0
American Inst Drafting	382	0	0	0	382	0	0	0	0	0	0	0
Art Inst Philadelphia	1,337	0	0	0	1,337	0	0	0	0	0	0	0
Art Inst Pittsburgh	2,507	0	0	0	2,507	0	0	0	0	0	0	0
Baptist Bible Coll & Sem	391	0	0	0	391	0	0	0	0	0	0	0
Beaver College	490	0	0	0	460	0	0	0	0	0	30	0
Bloomsburg Univ of Penn	49	0	0	0	0	0	0	20	0	0	29	0
Bryn Mawr College	1,837	0	0	0	927	0	0	700	0	0	210	0
Bucknell University	1,589	0	0	-54	1,035	0	2	129	0	0	477	0
Bucks County Cmty Col	1	0	0	0	0	0	0	0	0	0	0	1
Cabrini College	442	0	0	0	442	0	0	0	0	0	0	0
California Univ of Penn	3	0	0	0	3	0	0	0	0	0	0	0
Carlow College	878	0	0	0	844	0	0	0	0	0	34	0
Carnegie-Mellon Univ	61,834	0	99	20,537	4,598	3,484	389	8,225	259	3,194	20,835	214
Cedar Crest College	356	0	0	0	356	0	0	0	0	0	0	0
Chatham College	688	0	0	0	688	0	0	0	0	0	0	0
Chestnut Hill College	358	0	0	0	358	0	0	0	0	0	0	0
Chi Institute	206	0	0	0	206	0	0	0	0	0	0	0
Clarion Univ of Penn	3,740	0	0	0	3,740	0	0	0	0	0	0	0
Cmty Col of Philadelphia	9,058	0	0	0	9,058	0	0	0	0	0	0	0
College Misericordia	1,028	0	0	0	1,015	0	0	13	0	0	0	0
Dean Institute of Tech	73	0	0	0	73	0	0	0	0	0	0	0
Delaware Valley College	7	0	0	0	0	0	0	0	0	0	7	0
Dickinson College	1,600	0	0	0	1,100	0	0	101	0	0	399	0
Dickinson School of Law	60	0	0	0	60	0	0	0	0	0	0	0
Drexel University	11,086	93	83	1,853	3,021	448	413	1,825	0	675	2,675	0
Dubois Business College	395	0	0	0	395	0	0	0	0	0	0	0
Duquesne University	3,501	0	0	0	2,804	0	0	697	0	0	0	0
Eastern Baptist Theol Sem	12	0	0	0	12	0	0	0	0	0	0	0
Eastern College	691	0	0	0	691	0	0	0	0	0	0	0
Edinboro Univ of Penn	83	0	0	0	0	0	0	83	0	0	0	0
Electronic Insts-Pitts	266	0	0	0	266	0	0	0	0	0	0	0
Elizabethtown College	519	0	0	0	509	0	0	0	0	0	10	0
Franklin & Marshall Col	1,426	0	0	0	688	0	0	0	0	0	738	0
Gannon University	3,454	0	0	0	3,338	0	0	71	0	0	45	0
Geneva College	946	0	0	0	946	0	0	0	0	0	0	0
Gettysburg College	601	0	0	0	547	0	6	0	0	0	48	0
Gwynedd-Mercy College	619	0	0	0	559	0	0	60	0	0	0	0
Hahnemann University	13,026	0	0	916	1,142	0	0	10,968	0	0	0	0
Harcum Junior College	853	0	0	0	810	0	0	43	0	0	0	0
Harrisburg Area Cmty Col	1,644	0	0	0	1,570	0	0	0	0	0	74	0
Haverford College	1,188	0	0	0	489	0	0	0	0	16	683	0
Holy Family College	615	0	0	0	615	0	0	0	0	0	0	0
Immaculata College	370	0	0	0	370	0	0	0	0	0	0	0
Indiana Univ of Penn	9,523	0	0	79	8,576	0	0	52	0	0	192	624
Juniata College	783	0	0	0	637	0	0	0	0	0	146	0
Keystone Junior College	846	0	0	0	846	0	0	0	0	0	0	0
King's College (PA)	1,070	0	0	0	1,012	0	0	0	0	0	58	0
Kutztown Univ of Penn	2,133	0	0	0	2,133	0	0	0	0	0	0	0
La Roche College	609	0	0	0	609	0	0	0	0	0	0	0
La Salle University	1,987	0	0	77	1,707	0	0	175	0	0	28	0
Lackawanna Junior College	626	0	0	0	626	0	0	0	0	0	0	0
Lafayette College	647	0	0	.	401	0	0	0	0	0	255	0
Lancaster Bible College	285	0	0	0	285	0	0	0	0	0	0	0
Lebanon Valley College	586	0	0	0	458	0	0	0	0	0	128	0
Lehigh University	39,023	66	203	27,181	1,509	1,817	111	920	60	278	6,878	0
Lincoln University (PA)	3,439	0	0	436	2,720	0	4	190	0	0	84	5
Lock Haven Univ of Penn	2,244	0	0	0	2,244	0	0	0	0	0	0	0
Lutheran Theological Sem	13	0	0	0	13	0	0	0	0	0	0	0
Lycoming College	594	0	0	0	594	0	0	0	0	0	0	0
Manor Junior College	337	0	0	0	337	0	0	0	0	0	0	0
Mansfield Univ of Penn	1,654	0	0	0	1,654	0	0	0	0	0	0	0
Marywood College	1,481	0	0	0	1,481	0	0	0	0	0	0	0
McCarrie Sch Hlth Sci Tec	654	0	0	0	654	0	0	0	0	0	0	0
Medical Col of Penn	19,579	0	0	231	267	0	0	18,995	0	0	86	0
Mercyhurst College	1,236	0	0	0	1,236	0	0	0	0	0	0	0
Messiah College	1,202	0	0	0	1,202	0	0	0	0	0	0	0
Millersville Univ of Penn	2,373	0	0	0	2,153	0	0	0	0	0	220	0
Montgomery Cnty Comm Col	43	0	0	0	0	0	0	0	0	0	43	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Pennsylvania, cont'd:												
Moore Col of Art & Design	452	0	0	0	452	0	0	0	0	0	0	0
Moravian College	581	0	0	37	544	0	0	0	0	0	0	0
Mount Aloysius Junior Col	1,282	0	0	0	1,282	0	0	0	0	0	0	0
Muhlenberg College	503	0	0	21	482	0	0	0	0	0	0	0
Neumann College	314	0	0	0	314	0	0	0	0	0	0	0
Northampton Cnty Cmty Col	1,393	0	0	0	1,393	0	0	0	0	0	0	0
Northeastn Christn Jr Col	316	0	0	0	316	0	0	0	0	0	0	0
O.S. Johnson Sch Tech	198	0	0	0	198	0	0	0	0	0	0	0
Palmer School	250	0	0	0	250	0	0	0	0	0	0	0
Peirce Jr College	1,247	0	0	0	1,247	0	0	0	0	0	0	0
Penn Col of Podiatric Med	577	0	0	0	329	0	0	248	0	0	0	0
Penn Technical Institute	246	0	0	0	246	0	0	0	0	0	0	0
Pennco Tech	444	0	0	0	444	0	0	0	0	0	0	0
Pennsylvania Col of Tech	3,922	0	0	0	3,750	0	0	140	0	0	32	0
Pennsylvania Col Optomet	1,132	0	0	49	496	0	0	587	0	0	0	0
Pennsylvania Inst of Tech	478	0	0	0	478	0	0	0	0	0	0	0
Pennsylvania State Univ	200,467	21,402	295	67,821	30,637	5,542	1,326	38,839	3,263	10,761	19,345	1,236
Phila Col of Pharm & Sci	414	0	0	0	0	0	0	401	0	13	0	0
Phila Col of Text & Sci	29	0	0	29	0	0	0	0	0	0	0	0
Phila Col Osteopathic Med	834	0	0	288	126	0	0	420	0	0	0	0
Philadelphia Col of Bible	484	0	0	0	484	0	0	0	0	0	0	0
Pinebrook Junior College	99	0	0	0	99	0	0	0	0	0	0	0
Pittsburgh Inst Mort. Sci	34	0	0	0	34	0	0	0	0	0	0	0
Point Park College	1,486	0	0	0	1,486	0	0	0	0	0	0	0
Reading Area CC	62	0	0	0	0	0	0	62	0	0	0	0
Robert Morris College	1,877	0	0	0	1,877	0	0	0	0	0	0	0
Rosemont College	212	0	0	0	212	0	0	0	0	0	0	0
Seton Hill College	1,421	0	0	0	1,421	0	0	0	0	0	0	0
Shippensburg Univ of Penn	1,501	0	0	-75	1,563	0	0	0	0	0	13	0
Slippery Rock Univ of PA	141	0	0	0	140	0	1	0	0	0	0	0
Spring Garden College	194	0	0	0	194	0	0	0	0	0	0	0
St Charles Borromeo Sem	52	0	0	0	52	0	0	0	0	0	0	0
St Francis College	1,267	0	0	0	1,142	0	0	108	0	0	17	0
St Joseph's University	2,023	582	0	441	1,000	0	0	0	0	0	0	0
St Vincent Col and Sem	1,827	10	0	0	1,234	0	575	0	0	0	8	0
Susquehanna University	651	0	0	0	595	0	0	0	0	28	28	0
Swarthmore College	1,871	0	0	0	961	0	4	229	0	39	638	0
Temple University	39,157	0	0	392	13,963	342	409	22,372	0	0	1,679	0
Thiel College	907	0	0	0	907	0	0	0	0	0	0	0
Thomas Jefferson Univ	30,900	0	0	1,358	1,778	0	0	27,571	0	0	193	0
Triangle Tech, Inc.	1,712	0	0	0	1,712	0	0	0	0	0	0	0
Univ of Pennsylvania	201,356	383	285	22,402	13,056	6,792	0	138,946	0	167	19,325	0
University of Pittsburgh	185,173	40	23	30,081	29,071	2,384	2,124	111,940	0	1,668	7,741	101
University of Scranton	11,656	0	0	10,000	1,580	0	0	0	0	0	76	0
Ursinus College	512	0	0	0	452	0	0	0	0	0	60	0
Vale Technical Institute	61	0	0	0	61	0	0	0	0	0	0	0
Valley Forge Christ Col	461	0	0	0	461	0	0	0	0	0	0	0
Valley Forge Milit Jr Col	87	0	0	0	87	0	0	0	0	0	0	0
Villanova University	5,114	0	0	2,034	1,991	0	3	422	0	98	566	0
Washington & Jeffersn Col	612	0	0	0	612	0	0	0	0	0	0	0
Waynesburg College	1,511	0	0	0	1,511	0	0	0	0	0	0	0
West Chester Univ of Penn	2,806	0	0	0	2,747	0	1	0	0	0	58	0
Westminster College (PA)	760	0	0	0	760	0	0	0	0	0	0	0
Widener University	2,239	0	0	54	1,983	0	0	192	0	0	10	0
Wilkes University	1,768	0	0	0	1,701	0	1	0	0	0	66	0
Wilson College	168	0	0	0	168	0	0	0	0	0	0	0
York College of Penn	799	0	0	0	799	0	0	0	0	0	0	0
Rhode Island, total	96,206	4,969	4,568	9,933	30,244	2,947	586	20,064	592	2,273	19,296	734
Brown University	44,658	190	130	7,155	5,383	2,832	0	16,047	169	1,366	11,386	0
Bryant Col of Bus Admin	1,086	0	0	83	1,003	0	0	0	0	0	0	0
Cmty Col of Rhode Island	5,474	0	0	0	5,474	0	0	0	0	0	0	0
Johnson & Wales Univ	3,980	0	0	0	3,980	0	0	0	0	0	0	0
N Eng Inst of Technology	1,633	0	0	0	1,633	0	0	0	0	0	0	0
Providence College	2,010	0	0	189	1,756	0	0	0	0	0	65	0
Rhode Island College	4,386	0	0	0	4,386	0	0	0	0	0	0	0
Roger Williams College	906	0	0	0	906	0	0	0	0	0	0	0
Salve Regina College	429	0	0	0	429	0	0	0	0	0	0	0
Univ of Rhode Island	31,644	4,779	4,438	2,506	5,294	115	586	4,017	423	907	7,845	734

See explanatory information; if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
South Carolina, total	151,808	16,542	4,506	6,285	70,105	8,928	1,185	32,987	864	1,452	8,789	165
Allen University	602	0	0	0	602	0	0	0	0	0	0	0
Anderson College	718	0	0	0	718	0	0	0	0	0	0	0
Baptist Col at Charleston	1,741	0	0	0	1,701	40	0	0	0	0	0	0
Benedict College	5,591	0	100	0	4,329	0	0	1,095	0	0	0	67
Central Wesleyan College	636	0	0	0	636	0	0	0	0	0	0	0
Citadel Military Col S C	406	0	0	406	0	0	0	0	0	0	0	0
Claflin College	3,234	0	0	0	3,083	100	0	51	0	0	0	0
Clemson University	26,527	12,841	66	3,345	4,040	720	527	804	555	1,152	2,379	98
Clinton Junior College	70	0	0	0	70	0	0	0	0	0	0	0
Coker College	504	0	0	0	504	0	0	0	0	0	0	0
College of Charleston	2,635	0	0	13	2,456	0	0	0	0	42	124	0
Columbia Bible Col	393	0	0	0	393	0	0	0	0	0	0	0
Columbia College	968	0	0	0	968	0	0	0	0	0	0	0
Columbia Junior College	1	1	0	0	0	0	0	0	0	0	0	0
Converse College	354	0	0	0	354	0	0	0	0	0	0	0
Erskine College	224	0	0	0	224	0	0	0	0	0	0	0
Florence Darlington T C	1,562	0	0	0	1,562	0	0	0	0	0	0	0
Francis Marion College	1,527	0	0	0	1,423	0	0	0	0	0	104	0
Furman University	2,296	5	0	964	990	0	0	0	0	0	337	0
Greenville Tech College	2,680	0	0	0	2,680	0	0	0	0	0	0	0
Horry-Georgetown Tech Col	1,119	0	0	0	1,119	0	0	0	0	0	0	0
Lander College	1,190	0	0	0	1,190	0	0	0	0	0	0	0
Limestone College	685	0	0	0	685	0	0	0	0	0	0	0
Med Univ of So Carolina	29,041	9	133	57	588	6,590	0	21,499	0	0	165	0
Midlands Tech College	3,726	0	0	0	3,726	0	0	0	0	0	0	0
Morris College	3,073	0	0	0	3,073	0	0	0	0	0	0	0
Newberry College	612	0	0	0	612	0	0	0	0	0	0	0
North Greenville College	421	0	0	0	421	0	0	0	0	0	0	0
Phillips Jr Col Columbia	774	0	0	0	774	0	0	0	0	0	0	0
Piedmont Tech College	1,492	0	0	0	1,492	0	0	0	0	0	0	0
Presbyterian College	438	0	0	0	438	0	0	0	0	0	0	0
Sherman Col of Chiropract	179	0	0	0	179	0	0	0	0	0	0	0
South Carolina St College	11,938	3,562	0	253	7,873	46	0	173	0	0	31	0
Spartanburg Meth College	875	0	0	0	875	0	0	0	0	0	0	0
Sumter Area Tech College	110	0	0	0	0	0	110	0	0	0	0	0
SC Sea Grant Consortium	919	0	919	0	0	0	0	0	0	0	0	0
Trident Technical College	3,586	0	0	0	3,483	0	0	0	0	0	103	0
Univ of South Carolina	32,528	124	3,288	1,247	10,736	1,254	548	9,365	309	258	5,399	0
Voorhees College	2,957	0	0	0	2,957	0	0	0	0	0	0	0
Williamsburg Tech College	536	0	0	0	536	0	0	0	0	0	0	0
Winthrop College	2,139	0	0	0	2,139	0	0	0	0	0	0	0
Wofford College	623	0	0	0	476	0	0	0	0	0	147	0
York Technical College	178	0	0	0	0	178	0	0	0	0	0	0
South Dakota, total	47,511	8,857	100	788	29,021	140	118	1,650	3,959	603	2,010	265
Augustana College	2,015	0	0	30	1,824	0	0	64	0	0	97	0
Black Hill State Univ	3,264	0	0	0	3,264	0	0	0	0	0	0	0
Cheyenne River Com Col	270	0	0	0	0	0	0	0	270	0	0	0
Dakota State University	1,185	0	0	0	1,161	0	0	0	0	0	24	0
Dakota Wesleyan Univ	1,021	0	0	0	1,021	0	0	0	0	0	0	0
Huron University	636	0	0	0	636	0	0	0	0	0	0	0
Kilian Cmty Col	283	0	0	0	283	0	0	0	0	0	0	0
Mount Marty College	1,073	0	0	27	1,027	0	0	19	0	0	0	0
N A Baptist Seminary	15	0	0	0	15	0	0	0	0	0	0	0
National College	1,595	0	0	0	1,595	0	0	0	0	0	0	0
Northern State University	2,976	0	0	0	2,976	0	0	0	0	0	0	0
Oglala Lakota College	2,130	0	0	0	0	0	0	258	1,872	0	0	0
Presentation College	1,071	0	0	0	1,071	0	0	0	0	0	0	0
S Dak Sch Mines & Tech	2,828	0	0	194	0	40	50	0	148	583	1,813	0
Sinte Gleska College	2,284	0	0	0	1,200	0	0	0	1,084	0	0	0
Sioux Falls College	717	0	0	0	717	0	0	0	0	0	0	0
Sisseton-Wahpeton Cmty C	783	0	0	0	371	0	0	0	412	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
South Dakota, cont'd:												
South Dakota State Univ	15,209	8,857	100	0	5,783	100	68	37	111	0	76	77
U of S D System Office	6,077	0	0	0	6,077	0	0	0	0	0	0	0
Univ of South Dakota	2,079	0	0	537	0	0	0	1,272	62	20	0	188
Tennessee, total	318,387	22,344	43	12,531	122,548	13,223	821	125,486	1,135	5,977	13,475	804
American Baptist College	214	0	0	0	214	0	0	0	0	0	0	0
Aquinas Junior College	149	0	0	0	149	0	0	0	0	0	0	0
Austin Peay State Univ	4,016	0	0	71	3,905	0	0	0	0	0	40	0
Belmont College	826	0	0	0	806	0	0	0	0	0	22	0
Bethel College (Tenn)	850	0	0	0	850	0	0	0	0	0	0	0
Bristol University	223	0	0	0	223	0	0	0	0	0	0	0
Bryan College	696	0	0	0	696	0	0	0	0	0	0	0
Carson-Newman College	1,580	0	0	109	1,471	0	0	0	0	0	0	0
Chattanooga St Tech CC	2,514	0	0	0	2,514	0	0	0	0	0	0	0
Christian Brothers Univ	1,444	0	0	0	1,345	0	0	0	0	0	99	0
Cleveland State Cmty Col	1,400	0	0	0	1,400	0	0	0	0	0	0	0
Columbia State Cmty Col	818	0	0	0	818	0	0	0	0	0	0	0
Cumberland Col of Tenn	383	0	0	0	383	0	0	0	0	0	0	0
David Lipscomb University	768	0	0	0	768	0	0	0	0	0	0	0
Draughons Jr C-Knoxville	2,962	0	0	0	2,962	0	0	0	0	0	0	0
Draughons JC - Nashville	999	0	0	0	999	0	0	0	0	0	0	0
Dyersburg State Cmty Col	1,278	0	0	0	1,278	0	0	0	0	0	0	0
East Tennessee State Univ	8,891	100	0	201	6,086	0	3	1,728	0	0	773	0
Edmondson Junior College	1,556	0	0	0	1,556	0	0	0	0	0	0	0
Fisk University	4,627	0	0	0	2,687	126	25	326	0	404	842	217
Free Will Bapt Bible Col	185	0	0	0	185	0	0	0	0	0	0	0
Freed-Hardeman University	1,475	0	0	0	1,475	0	0	0	0	0	0	0
Hiwassee College	817	0	0	0	817	0	0	0	0	0	0	0
ITT Technical Institute	62	0	0	0	62	0	0	0	0	0	0	0
Jackson State Cmty Col	1,162	0	0	0	1,162	0	0	0	0	0	0	0
John A Gupton College	37	0	0	0	37	0	0	0	0	0	0	0
King College (Tenn)	446	0	0	0	446	0	0	0	0	0	0	0
Knoxville College	4,664	0	0	0	4,664	0	0	0	0	0	0	0
Lambuth College	610	0	0	0	610	0	0	0	0	0	0	0
Lane College	3,233	0	0	0	2,879	0	0	354	0	0	0	0
Le Moyne-Owen College	3,543	0	0	0	3,481	0	0	50	0	0	12	0
Lee College (Tenn)	1,899	0	0	0	1,899	0	0	0	0	0	0	0
Lincoln Memorial Univ	1,975	7	0	0	1,942	0	0	0	0	0	26	0
Martin College	307	0	0	0	307	0	0	0	0	0	0	0
Maryville College	527	0	0	0	518	0	0	0	0	0	9	0
McKenzie College	785	0	0	0	785	0	0	0	0	0	0	0
Meharry Medical College	25,151	0	0	670	3,399	0	239	19,246	0	0	1,597	0
Memphis Academy of Arts	198	0	0	0	198	0	0	0	0	0	0	0
Memphis State University	10,918	185	43	523	6,398	116	0	2,163	795	100	250	345
Middle Tennessee St Univ	6,718	0	0	0	6,652	45	0	0	0	0	21	0
Milligan College	551	0	0	0	551	0	0	0	0	0	0	0
Motlow State Cmty College	1,241	0	0	0	1,241	0	0	0	0	0	0	0
O'More Sch Architec Inter	29	0	0	0	29	0	0	0	0	0	0	0
Rhodes College	848	0	0	28	716	0	0	0	0	0	104	0
Roane State Community Col	2,375	0	0	0	2,375	0	0	0	0	0	0	0
Shelby State Cmty College	3,559	0	0	0	3,559	0	0	0	0	0	0	0
Southern Col of Optometry	412	0	0	29	322	0	0	61	0	0	0	0
Southern Col of 7-Day Adv	1,179	0	0	0	1,179	0	0	0	0	0	0	0
State Tech Inst Memphis	1,829	0	0	0	1,829	0	0	0	0	0	0	0
Tenn Technological Univ	893	0	0	30	0	131	121	104	71	92	344	0
Tennessee Inst Electronic	52	0	0	0	52	0	0	0	0	0	0	0
Tennessee State Univ	17,880	5,401	0	198	8,793	0	0	2,373	0	428	687	0
Tennessee Temple Univ	1,137	0	0	0	1,137	0	0	0	0	0	0	0
Tennessee Wesleyan Col	637	0	0	0	637	0	0	0	0	0	0	0
Tomlinson College	423	0	0	0	423	0	0	0	0	0	0	0
Trevecca Nazarene College	978	0	0	0	939	0	0	39	0	0	0	0
Tusculum College	895	0	0	0	895	0	0	0	0	0	0	0
Union University	902	0	0	0	902	0	0	0	0	0	0	0
Univ of Tenn System Off	448	194	0	0	0	0	0	25	80	0	0	149
Univ of Tennessee All Cmp	84,882	16,392	0	2,781	19,156	11,748	358	25,970	189	2,016	6,272	0
University of the South	662	0	0	0	574	0	0	0	0	0	88	0
Vanderbilt University	92,481	65	0	7,891	5,027	1,057	75	73,047	0	2,937	2,289	93
Volunteer State Cmty Col	1,154	0	0	0	1,154	0	0	0	0	0	0	0
Walters State Comm Coll	2,032	0	0	0	2,032	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Texas, total	883,783	51,828	7,729	73,280	254,261	26,800	9,488	346,010	11,324	35,325	62,081	5,657
Abilene Christian Univ	2,296	0	0	0	2,121	88	0	0	0	0	87	0
Alamo Cmty Col Dist	11,047	0	0	128	10,918	0	0	0	0	0	0	1
Amarillo College	1,495	0	0	0	1,495	0	0	0	0	0	0	0
Arlington Baptist Coll	134	0	0	0	134	0	0	0	0	0	0	0
Austin Cmty Col (Tex)	3,940	0	0	0	3,940	0	0	0	0	0	0	0
Austin College	796	0	0	0	780	0	0	0	0	0	16	0
Baptist Miss Assoc Th Sem	21	0	0	0	21	0	0	0	0	0	0	0
Baylor Col of Dentistry	804	0	0	200	13	0	0	591	0	0	0	0
Baylor Col of Medicine	90,272	8,617	103	778	1,873	951	192	76,118	0	718	922	0
Baylor University	5,452	0	0	412	3,940	0	0	1,049	0	51	0	0
Brazosport College	299	0	0	0	299	0	0	0	0	0	0	0
Brookhaven College	804	0	0	0	804	0	0	0	0	0	0	0
Cedar Valley College	483	0	0	0	483	0	0	0	0	0	0	0
Central Texas College	2,008	0	0	2,008	0	0	0	0	0	0	0	0
Cisco Junior College	802	0	0	0	802	0	0	0	0	0	0	0
Clarendon College	8	8	0	0	0	0	0	0	0	0	0	0
College of the Mainland	872	0	0	0	872	0	0	0	0	0	0	0
Concordia Lutheran Col	564	0	0	0	418	0	0	0	0	0	146	0
Corpus Christi State Univ	1,495	0	0	38	1,413	0	0	44	0	0	0	0
Dallas Baptist College	815	0	0	0	815	0	0	0	0	0	0	0
Dallas Christian College	82	0	0	0	82	0	0	0	0	0	0	0
Del Mar College	68	0	0	0	0	0	0	0	0	0	68	0
DeVry Inst of Tech (TX)	3,661	0	0	0	3,661	0	0	0	0	0	0	0
East Texas Baptist Col	1,041	0	0	0	1,041	0	0	0	0	0	0	0
East Texas State Univ	3,412	0	0	80	3,332	0	0	0	0	0	0	0
Eastfield College	36	0	0	0	0	0	0	0	0	0	36	0
El Paso Cmty College	1,631	0	1,500	0	0	0	0	131	0	0	0	0
Galveston College	20	0	0	0	0	0	0	0	0	0	20	0
Gulf Coast Bible College	183	0	0	0	183	0	0	0	0	0	0	0
Hardin-Simmons University	1,460	0	0	159	1,301	0	0	0	0	0	0	0
Houston Baptist Univ	997	0	0	0	997	0	0	0	0	0	0	0
Houston Community College	5,936	0	0	0	5,641	265	0	0	0	0	30	0
Howard Payne University	1,145	0	0	0	1,145	0	0	0	0	0	0	0
Huston-Tillotson College	1,801	0	0	0	1,801	0	0	0	0	0	0	0
Incarnate Word College	3,081	0	0	0	2,825	0	0	256	0	0	0	0
Inst for Christian Studie	12	0	0	0	12	0	0	0	0	0	0	0
ITT Tech Inst-Arlington	71	0	0	0	71	0	0	0	0	0	0	0
ITT Tech Inst-Houston	106	0	0	0	106	0	0	0	0	0	0	0
Jacksonville College	304	0	0	0	304	0	0	0	0	0	0	0
Jarvis Christian College	2,192	0	0	125	2,020	0	0	47	0	0	0	0
Lamar Univ., Port Arthur	700	0	0	0	700	0	0	0	0	0	0	0
Lamar University - Beaumo	7,636	0	0	0	4,126	0	2,790	0	0	167	553	0
Lamar University, Orange	491	0	0	0	491	0	0	0	0	0	0	0
Laredo Junior College	4,802	0	800	0	4,002	0	0	0	0	0	0	0
Laredo State University	593	0	0	0	593	0	0	0	0	0	0	0
LeTourneau University	987	0	0	0	987	0	0	0	0	0	0	0
Lon Morris College	206	0	0	0	206	0	0	0	0	0	0	0
Lubbock Christian College	697	0	0	0	697	0	0	0	0	0	0	0
McMurry College	1,163	0	0	0	1,163	0	0	0	0	0	0	0
Midwestern State Univ	1,753	0	0	0	1,720	0	0	0	0	0	33	0
Northeast TX Com Col	25	0	25	0	0	0	0	0	0	0	0	0
Northlake College	752	0	0	0	752	0	0	0	0	0	0	0
Our Lady of the Lake Univ	2,541	0	0	0	2,512	0	0	29	0	0	0	0
Parker Coll of Chiropract	4,262	0	0	0	191	0	0	4,071	0	0	0	0
Paul Quinn College	2,312	0	0	0	2,312	0	0	0	0	0	0	0
Prairie View A & M Univ	14,099	5,587	0	174	6,919	260	0	404	0	355	300	100
Ranger Junior College	599	0	0	0	599	0	0	0	0	0	0	0
Rice University	22,310	120	70	2,606	0	2,485	735	3,156	43	2,085	11,010	0
Richland College	1	0	0	0	0	0	0	0	0	0	0	1
Sam Houston State Univ	4,028	25	0	0	4,003	0	0	0	0	0	0	0
Schreiner College	415	0	0	0	415	0	0	0	0	0	0	0
South Plains College	2,025	0	0	0	2,025	0	0	0	0	0	0	0
South Texas Col of Law	291	0	0	0	291	0	0	0	0	0	0	0
Southern Methodist Univ	7,920	0	0	2,583	2,676	213	0	859	0	185	1,404	0
Southwest Assemb God Col	754	0	0	0	754	0	0	0	0	0	0	0
Southwest Texas Jr Col	1,977	0	0	0	1,977	0	0	0	0	0	0	0
Southwest Texas St Univ	12,552	0	0	0	11,101	0	29	1,110	0	50	262	0
Southwestern Adventist C	680	0	0	0	680	0	0	0	0	0	0	0
Southwestern Univ (TX)	679	0	0	10	644	0	0	25	0	0	0	0
Southwestn Christian Col	784	0	0	0	784	0	0	0	0	0	0	0
St Edward's University	2,978	0	0	0	2,923	0	0	25	0	0	30	0
St Mary's Univ S Antonio	4,017	0	0	103	3,336	0	0	578	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Texas, cont'd:												
Stephen F Austin St Univ	5,205	230	0	0	4,600	0	0	375	0	0	0	0
Sul Ross State University	1,956	0	0	0	1,956	0	0	0	0	0	0	0
Tarleton State University	33	0	0	0	0	0	24	0	0	0	9	0
Temple Junior College	818	0	0	0	818	0	0	0	0	0	0	0
Texas A & I University	5,447	73	0	0	4,920	0	0	219	0	218	17	0
Texas A & M Univ Sys Off	13,554	494	0	0	0	0	0	252	10,381	394	0	2,033
Texas A & M University	93,017	35,350	2,613	5,806	11,345	4,682	958	11,785	359	5,054	14,968	97
Texas Chiropractic Col	240	0	0	0	240	0	0	0	0	0	0	0
Texas Christian Univ	6,197	1	0	665	2,848	0	0	2,499	0	0	184	0
Texas Col of Osteo Med	3,172	0	0	0	0	0	0	2,969	0	73	130	0
Texas College	1,997	0	0	0	1,997	0	0	0	0	0	0	0
Texas Lutheran College	713	0	0	0	713	0	0	0	0	0	0	0
Texas Southern Univ	14,031	0	0	0	11,173	39	90	2,372	0	275	82	0
Texas State Tech Inst	9,794	0	1,660	0	8,016	0	0	0	0	0	118	0
Texas Tech University	18,542	602	0	1,434	9,752	164	1,088	3,398	56	284	1,764	0
Texas Wesleyan University	960	0	0	121	808	0	0	31	0	0	0	0
Texas Woman's University	4,161	0	0	0	3,327	0	0	834	0	0	0	0
Trinity University	3,013	0	0	376	1,553	0	0	373	0	0	711	0
U of Houston Downtown Col	4,814	0	0	25	3,638	986	150	0	0	0	15	0
U of Houston Sys Off	276	46	215	0	0	0	0	0	15	0	0	0
U of Houston Univ Park	29,251	75	0	1,184	10,860	1,234	0	5,061	0	6,742	4,095	0
U of Texas at San Antonio	10,707	1	613	472	6,316	40	0	1,404	0	320	1,541	0
U of TX - Pan America	341	0	0	88	0	0	0	0	0	253	0	0
U Tex Hlth Sci Ctr Houstn	38,808	0	0	288	359	411	160	36,877	0	529	152	32
U Tex Hlth Sci Ctr S Anto	44,964	322	0	818	813	0	0	42,528	0	63	420	0
U Tex Med Brnch Galveston	29,384	0	0	568	481	209	163	27,345	0	446	172	0
U Tex Sw Med Ctr - Dallas	61,767	0	0	125	0	139	0	59,806	0	1,316	381	0
U TX MD Anderson Cncr Ctr	38,166	0	0	0	0	0	69	38,007	0	0	90	0
Univ of Mary Hardin-Baylr	1,056	0	0	0	1,056	0	0	0	0	0	0	0
Univ of North Texas	8,387	0	0	462	6,600	0	211	567	0	0	547	0
Univ of Tex at Arlington	10,621	0	0	1,158	7,222	0	223	680	0	25	1,313	0
Univ of Tex Permian Basin	799	0	100	0	699	0	0	0	0	0	0	0
Univ of Texas at Austin	107,882	277	0	48,680	1,945	14,493	706	15,203	158	7,283	16,078	3,059
Univ of Texas at Dallas	5,840	0	0	735	991	141	0	1,579	0	1,297	1,097	0
Univ of Texas at El Paso	18,823	0	0	540	9,599	0	1,900	1,500	64	410	2,575	235
Univ of Texas System Off	16,703	0	30	0	14,533	0	0	1,793	248	0	0	99
Univ Houstn Clr Lake City	8,027	0	0	0	1,021	0	0	42	0	6,732	232	0
University of Dallas	1,552	0	0	0	1,171	0	0	0	0	0	381	0
University of St Thomas	1,138	0	0	331	794	0	0	0	0	0	13	0
Wayland Baptist College	1,372	0	0	0	1,372	0	0	0	0	0	0	0
West Texas State Univ	3,640	0	0	0	3,601	0	0	18	0	0	21	0
Wiley College	1,940	0	0	0	1,882	0	0	0	0	0	58	0
Utah, total	231,720	5,962	151	56,648	79,355	6,461	628	60,807	2,394	2,126	17,088	100
Brigham Young University	24,647	6	0	1,026	18,760	562	212	968	50	123	2,940	0
College of Eastern Utah	2,045	0	0	0	2,045	0	0	0	0	0	0	0
Dixie College	2,487	0	0	0	2,487	0	0	0	0	0	0	0
ITT Technical Institute	60	0	0	0	60	0	0	0	0	0	0	0
Salt Lake Community Col	6,557	0	0	0	6,557	0	0	0	0	0	0	0
Snow College	1,563	0	0	0	1,535	0	0	0	0	0	28	0
Southern Utah University	3,504	1	0	0	3,503	0	0	0	0	0	0	0
Stevens Henanger Col Bus	753	0	0	0	753	0	0	0	0	0	0	0
University of Utah	100,128	40	151	12,693	12,029	4,800	163	55,452	1,795	722	12,283	0
Utah State University	75,655	5,915	0	42,929	17,342	1,099	253	4,387	546	1,261	1,823	100
Utah Valley Comm Col	4,357	0	0	0	4,337	0	0	0	0	20	0	0
Weber State University	8,865	0	0	0	8,862	0	0	0	3	0	0	0
Westminster College (UT)	1,099	0	0	0	1,085	0	0	0	0	0	14	0
Vermont, total	65,626	7,130	0	2,099	21,167	630	582	30,783	158	117	2,866	94
Bennington College	582	0	0	0	550	0	0	0	0	0	32	0
Burlington College	471	0	0	0	471	0	0	0	0	0	0	0
Castleton State College	1,289	0	0	0	1,289	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Vermont, cont'd:												
Champlain College	1,294	0	0	0	1,294	0	0	0	0	0	0	0
Cmty Col of Vermont	1,634	2	0	0	1,632	0	0	0	0	0	0	0
Col of St Joseph the Prov	302	0	0	0	302	0	0	0	0	0	0	0
Goddard College	323	0	0	0	323	0	0	0	0	0	0	0
Green Mountain College	469	0	0	0	469	0	0	0	0	0	0	0
Johnson State College	1,758	0	0	0	1,746	0	0	0	0	0	12	0
Lyndon State College	1,316	13	0	0	1,303	0	0	0	0	0	0	0
Marlboro College	265	0	0	0	265	0	0	0	0	0	0	0
Middlebury College	1,407	0	0	60	1,185	0	0	0	0	67	95	0
Norwich University	3,607	0	0	1,330	2,233	0	0	0	0	25	19	0
School for Intl Training	126	0	0	0	126	0	0	0	0	0	0	0
St Joseph Col (VT)	796	0	0	0	796	0	0	0	0	0	0	0
St Michael's College	1,446	0	0	198	779	0	0	0	0	0	375	94
Sterling Institute	57	0	0	0	57	0	0	0	0	0	0	0
Trinity Col (VT)	1,392	0	0	0	1,392	0	0	0	0	0	0	0
Univ of VT & St Agric Col	45,809	7,115	0	511	3,959	630	295	30,783	158	25	2,333	0
Vermont Law School	523	0	0	0	236	0	287	0	0	0	0	0
Vermont Technical College	760	0	0	0	760	0	0	0	0	0	0	0
Virginia, total	342,508	21,334	4,133	25,476	116,415	10,975	1,158	107,361	2,976	19,810	24,223	8,647
Averett College	493	0	0	0	493	0	0	0	0	0	0	0
Blue Ridge Community Col	341	0	0	0	341	0	0	0	0	0	0	0
Bluefield College	303	0	0	0	303	0	0	0	0	0	0	0
Bridgewater College	516	0	0	0	516	0	0	0	0	0	0	0
Central Virginia Cmty Col	510	0	0	0	510	0	0	0	0	0	0	0
College of William & Mary	8,027	0	1,329	269	2,078	261	120	344	52	1,703	1,871	0
Cmty Hosp Roanoke Vly Col	109	0	0	0	109	0	0	0	0	0	0	0
Commonwealth Col VA Bch	2,285	0	0	0	2,285	0	0	0	0	0	0	0
Commonwealth Col Norfolk	1,128	0	0	0	1,128	0	0	0	0	0	0	0
Dabney Lancaster Cmty Col	812	0	0	0	812	0	0	0	0	0	0	0
Danville Community Col	790	0	0	0	790	0	0	0	0	0	0	0
E Mennonite Coll & Sem	1,362	0	0	0	1,362	0	0	0	0	0	0	0
Eastern Shore Cmty Col	269	0	0	0	269	0	0	0	0	0	0	0
Eastern VA Medical School	10,607	0	0	183	216	0	0	2,994	0	224	0	6,990
Emory & Henry College	481	0	0	0	481	0	0	0	0	0	0	0
Ferrum College	938	0	0	0	703	0	0	0	0	0	235	0
George Mason University	10,372	26	173	3,751	4,130	0	0	581	50	194	1,150	317
Germanna Community Col	254	0	0	0	254	0	0	0	0	0	0	0
Hampden-Sydney College	381	0	0	0	324	0	0	0	0	26	31	0
Hampton University	14,766	0	100	2,604	6,363	231	52	1,567	70	2,217	1,562	0
Hollins College	353	0	0	0	353	0	0	0	0	0	0	0
J Sgt Reynolds Com Col	1,253	0	0	0	1,253	0	0	0	0	0	0	0
James Madison University	2,343	0	0	0	2,086	0	0	183	0	0	74	0
John Tyler Community Col	1,063	0	0	0	994	0	0	0	0	0	69	0
Liberty University	4,198	0	0	28	4,170	0	0	0	0	0	0	0
Longwood College	1,051	0	0	0	1,006	0	0	0	0	45	0	0
Lord Fairfax Cmty College	369	0	0	0	355	0	0	0	0	0	14	0
Lynchburg College	643	0	0	0	643	0	0	0	0	0	0	0
Mary Baldwin College	521	0	0	0	521	0	0	0	0	0	0	0
Mary Washington College	781	0	0	0	742	0	0	0	0	0	39	0
Marymount Col of Virginia	466	0	0	27	439	0	0	0	0	0	0	0
Mountain Empire Cmty Col	2,335	0	0	0	2,304	0	0	0	0	0	31	0
National Business College	1,923	0	0	0	1,923	0	0	0	0	0	0	0
New River Community Col	1,897	0	0	0	1,897	0	0	0	0	0	0	0
Norfolk State University	10,897	0	0	332	9,547	109	4	694	0	176	35	0
Northern VA Community Col	2,533	0	0	0	2,533	0	0	0	0	0	0	0
Old Dominion University	13,362	0	0	990	5,609	221	0	408	0	4,763	1,371	0
Patrick Henry Cmty Col	1,151	0	0	0	1,151	0	0	0	0	0	0	0
Paul D Camp Cmty College	785	0	0	0	785	0	0	0	0	0	0	0
Piedmont VA Community Col	718	0	0	0	718	0	0	0	0	0	0	0
Radford University	2,502	0	0	0	2,480	0	0	12	0	0	10	0
Randolph-Macon College	477	0	0	0	383	0	0	0	0	0	94	0
Randolph-Macon Womans C	252	0	0	0	252	0	0	0	0	0	0	0
Rappahannock Cmty College	193	0	0	0	193	0	0	0	0	0	0	0
Roanoke College	850	0	0	0	850	0	0	0	0	0	0	0
Shenandoah University	726	0	0	0	726	0	0	0	0	0	0	0
Southern Seminary Jr Col	164	0	0	0	164	0	0	0	0	0	0	0
Southside VA Cmty College	1,317	0	0	0	1,317	0	0	0	0	0	0	0
Southwest VA Cmty Col	3,097	0	0	104	2,993	0	0	0	0	0	0	0
St Paul's Col (VA)	1,420	0	0	0	1,420	0	0	0	0	0	0	0
Sweet Briar College	216	0	0	0	216	0	0	0	0	0	0	0
Thomas Nelson Cmty Col	2,513	4	0	0	2,409	0	0	0	0	100	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Virginia, cont'd:												
Tidewater Community Col	3,396	0	0	235	3,161	0	0	0	0	0	0	0
University of Richmond	1,241	0	0	252	665	88	0	73	0	55	108	0
University of Virginia	86,075	100	2,321	9,779	7,869	2,648	319	47,458	442	4,728	9,791	620
Virginia Commonwith Univ	58,575	0	0	581	7,166	216	112	49,500	0	452	548	0
Virginia Intermont Col	546	0	0	0	546	0	0	0	0	0	0	0
Virginia Military Inst	1,501	0	25	980	448	0	0	0	0	0	48	0
Virginia State University	11,716	4,605	0	246	6,033	86	0	433	0	263	50	0
Virginia Union University	3,232	0	0	0	3,187	0	0	0	0	0	45	0
Virginia Wesleyan College	631	0	0	0	631	0	0	0	0	0	0	0
Virginia Western Comm Col	1,253	0	0	0	1,253	0	0	0	0	0	0	0
VA Highlands Cmty College	1,337	0	0	0	1,337	0	0	0	0	0	0	0
VA Polytech Inst & St U	53,513	16,599	185	5,115	6,067	7,115	551	3,088	2,362	4,864	6,847	720
Washington & Lee Univ	570	0	0	0	344	0	0	26	0	0	200	0
Wytheville Community Col	1,809	0	0	0	1,809	0	0	0	0	0	0	0
Washington, total	422,139	18,107	6,208	36,530	103,467	9,708	1,916	192,896	3,971	7,952	40,300	1,084
Art Institute of Seattle	1,180	0	0	0	1,180	0	0	0	0	0	0	0
Bellevue Community Col	1,279	0	0	0	1,279	0	0	0	0	0	0	0
Big Bend Community Col	962	0	0	0	962	0	0	0	0	0	0	0
Central Washington Univ	3,952	0	0	59	3,772	52	0	0	0	0	69	0
Centralia College	1,905	0	0	0	1,905	0	0	0	0	0	0	0
City College	389	0	0	182	207	0	0	0	0	0	0	0
Clark College	1,974	0	0	0	1,974	0	0	0	0	0	0	0
Cogswell College North	14	0	0	0	14	0	0	0	0	0	0	0
Columbia Basin College	1,655	0	0	0	1,555	100	0	0	0	0	0	0
Eastern Washington Univ	7,452	1	0	249	6,703	0	0	233	68	91	107	0
Edmonds Community Col	1,199	0	0	0	1,199	0	0	0	0	0	0	0
Everett Community Col	1,265	0	0	0	1,263	0	0	0	0	0	0	2
Evergreen State College	2,755	0	0	0	2,653	0	0	0	0	0	102	0
Fort Steilacoom Cmty Col	1,060	0	0	0	1,060	0	0	0	0	0	0	0
Gonzaga University	3,953	0	0	502	3,009	0	0	9	0	0	433	0
Grays Harbor College	1,075	0	0	0	1,075	0	0	0	0	0	0	0
Green River Cmty College	1,332	0	0	0	1,332	0	0	0	0	0	0	0
Griffin College	1,333	0	0	0	1,333	0	0	0	0	0	0	0
Heritage College	962	0	0	0	962	0	0	0	0	0	0	0
John Bastyr Col Med	69	0	0	0	69	0	0	0	0	0	0	0
Lower Columbia College	1,340	0	0	0	1,340	0	0	0	0	0	0	0
Northwest Indian College	1,532	0	0	0	0	0	0	0	1,525	0	7	0
NW Col Assemblies of God	531	0	0	0	531	0	0	0	0	0	0	0
Olympic College	1,311	0	0	87	1,223	0	0	0	0	0	0	1
Pacific Lutheran Univ	2,147	0	0	276	1,815	40	0	16	0	0	0	0
Puget Snd Christian Col	52	0	0	0	52	0	0	0	0	0	0	0
Seattle Community College	7,951	0	0	0	7,938	0	0	0	0	0	13	0
Seattle Pacific Univ	1,767	0	0	25	1,717	0	0	25	0	0	0	0
Seattle University	3,142	0	0	516	2,611	0	0	0	0	0	15	0
Shoreline Community Col	1,090	0	0	0	1,090	0	0	0	0	0	0	0
So Puget Sound Cmty Col	1,042	0	0	0	1,042	0	0	0	0	0	0	0
Spokane Community College	4,846	0	0	0	4,846	0	0	0	0	0	0	0
Spokane Falls Cmty Col	2,936	0	0	0	2,936	0	0	0	0	0	0	0
St Martin's College	526	0	0	0	526	0	0	0	0	0	0	0
Tacoma Community College	1,933	0	0	0	1,933	0	0	0	0	0	0	0
University of Puget Sound	2,527	0	0	0	2,355	0	0	94	0	17	61	0
University of Washington	294,482	3,109	6,153	32,925	15,996	7,438	1,330	183,193	2,246	7,724	33,287	1,081
Walla Walla College	1,375	0	0	0	1,350	0	0	25	0	0	0	0
Walla Walla Community Col	2,490	0	0	0	2,490	0	0	0	0	0	0	0
Washington State Univ	41,923	14,978	55	1,489	7,927	2,063	531	9,120	132	120	5,508	0
Wenatchee Valley Col	1,109	0	0	0	1,109	0	0	0	0	0	0	0
Western Washington Univ	4,892	19	0	122	4,096	0	55	83	0	0	517	0
Whatcom Community Col	730	0	0	0	730	0	0	0	0	0	0	0
Whitman College	809	0	0	65	685	15	0	0	0	0	44	0
Whitworth College	1,587	0	0	33	1,319	0	0	98	0	0	137	0
Yakima Valley Cmty Col	2,304	0	0	0	2,304	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
West Virginia, total	93,405	9,571	174	758	44,267	18,061	2,577	8,970	2,407	4,024	2,097	499
Alderson Broaddus College	1,077	0	0	0	958	0	0	119	0	0	0	0
Appalachian Bible College	194	0	0	0	194	0	0	0	0	0	0	0
Beckley College	2,040	0	0	0	1,144	896	0	0	0	0	0	0
Bethany College (WV)	1,018	0	0	0	1,018	0	0	0	0	0	0	0
Bluefield State College	2,950	0	0	0	2,890	0	0	0	60	0	0	0
Davis & Elkins College	1,356	5	0	0	1,351	0	0	0	0	0	0	0
Fairmont State College	2,955	5	0	0	2,937	0	0	0	0	0	13	0
Glenville State College	1,957	0	0	0	1,957	0	0	0	0	0	0	0
Huntington Jr College	841	0	0	0	841	0	0	0	0	0	0	0
Marshall University	7,675	30	74	33	6,161	0	0	1,335	42	0	0	0
Mountain State College	572	0	0	0	572	0	0	0	0	0	0	0
Ohio Valley College	316	0	0	0	316	0	0	0	0	0	0	0
Potomac St Col of WVA Un	863	0	0	0	863	0	0	0	0	0	0	0
Salem College	1,203	0	0	0	1,203	0	0	0	0	0	0	0
Shepherd College	914	0	0	0	783	0	0	0	0	131	0	0
Southern W VA Cmty Col	1,478	0	0	0	1,478	0	0	0	0	0	0	0
U WV Col Graduate Studies	6	0	0	0	3	0	3	0	0	0	0	0
University of Charleston	692	0	0	0	692	0	0	0	0	0	0	0
W VA Northern Cmty Col	1,468	0	0	0	1,468	0	0	0	0	0	0	0
W VA Schl Osteopathic Med	197	0	0	0	60	0	0	137	0	0	0	0
West Liberty State Col	4,958	0	0	0	4,958	0	0	0	0	0	0	0
West Virginia Inst Tech	2,267	5	100	0	2,162	0	0	0	0	0	0	0
West Virginia State Col	456	0	0	151	0	0	0	0	40	265	0	0
West Virginia University	50,638	9,526	0	574	8,178	17,165	2,574	7,379	2,150	509	2,084	499
West Virginia Wesleyn Col	987	0	0	0	987	0	0	0	0	0	0	0
Wheeling College	4,212	0	0	0	1,093	0	0	0	0	3,119	0	0
WV Univ at Parkersburg	115	0	0	0	0	0	0	0	115	0	0	0
Wisconsin, total	378,276	22,842	3,001	15,820	123,593	20,307	1,365	134,206	1,004	13,103	41,854	1,181
Alverno College	1,445	0	0	0	1,445	0	0	0	0	0	0	0
Bellini Coll of Nursing	69	0	0	0	69	0	0	0	0	0	0	0
Beloit College	1,579	0	0	0	905	0	0	0	0	96	578	0
Cardinal Stritch College	692	0	0	0	692	0	0	0	0	0	0	0
Carroll College (WI)	1,351	0	0	0	1,263	0	0	0	0	0	88	0
Carthage College	1,018	0	0	0	1,018	0	0	0	0	0	0	0
Concordia University, WI	787	0	0	0	787	0	0	0	0	0	0	0
Edgewood College	452	0	0	0	452	0	0	0	0	0	0	0
Lac Courte Oreilles Ojbwa	648	0	0	0	0	0	0	0	648	0	0	0
Lakeland College	673	0	0	0	673	0	0	0	0	0	0	0
Lawrence University	835	0	0	0	686	0	0	0	0	0	149	0
Madison Business Col	101	0	0	101	0	0	0	0	0	0	0	0
Maranatha Baptist Bible C	260	0	0	0	260	0	0	0	0	0	0	0
Marian Col of Fond Du Lac	813	0	0	28	785	0	0	0	0	0	0	0
Marquette University	11,116	0	0	1,353	6,517	83	0	1,504	0	196	1,418	45
Medical College of Wis	26,479	290	0	383	246	0	0	23,855	0	323	627	755
Milwaukee Area Tech Col	8,585	0	0	0	8,585	0	0	0	0	0	0	0
Milwaukee Inst Art & Dsgn	316	0	0	0	316	0	0	0	0	0	0	0
Milwaukee School of Eng	1,656	0	0	0	1,567	0	0	0	0	0	89	0
Milwaukee Stratton Col	760	0	0	0	760	0	0	0	0	0	0	0
Mount Mary College	734	0	0	0	734	0	0	0	0	0	0	0
Mount Senario College	891	0	0	-39	930	0	0	0	0	0	0	0
North Central Tech Inst	2,166	0	0	0	2,166	0	0	0	0	0	0	0
Northland College	1,498	0	0	0	1,467	0	0	0	0	0	31	0
Northwestern Col (WI)	95	0	0	0	95	0	0	0	0	0	0	0
Ripon College	894	0	0	148	720	0	0	0	0	0	26	0
Silver Lake College	466	0	0	0	466	0	0	0	0	0	0	0
St Norbert College	1,286	0	0	74	1,197	0	0	0	0	15	0	0
Univ of Wis-Center System	1,490	0	0	835	0	155	0	112	13	0	375	0
Univ of Wis-Eau Claire	7,333	0	0	0	6,969	0	0	23	0	12	329	0
Univ of Wis-Green Bay	3,090	0	0	0	3,090	0	0	0	0	0	0	0
Univ of Wis-La Crosse	5,105	0	0	0	4,748	0	0	0	0	0	357	0
Univ of Wis-Madison	213,442	22,152	346	12,519	4,556	19,809	518	105,702	260	12,087	35,298	195
Univ of Wis-Milwaukee	16,907	0	100	261	11,848	260	74	2,678	0	374	1,228	84
Univ of Wis-Oshkosh	5,267	0	0	0	4,971	0	0	64	0	0	232	0
Univ of Wis-Parkside	2,966	0	0	56	2,809	0	0	37	0	0	64	0
Univ of Wis-Platteville	3,473	5	0	0	3,437	0	0	0	0	0	31	0
Univ of Wis-River Falls	3,868	50	0	0	3,226	0	0	193	0	0	419	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Wisconsin, cont'd:												
Univ of Wis-Stevens Point	7,034	20	0	0	6,629	0	0	38	0	0	347	0
Univ of Wis-Stout	6,412	0	0	0	6,381	0	0	0	0	0	29	2
Univ of Wis-Superior	2,686	0	0	0	2,175	0	390	0	0	0	121	0
Univ of Wis-Whitewater	4,497	0	0	0	4,497	0	0	0	0	0	0	0
Univ of Wisconsin Sys Off	23,571	325	2,555	0	20,125	0	383	0	83	0	0	100
Viterbo College	1,295	0	0	101	1,176	0	0	0	0	0	18	0
Western Wisc Tech Inst	2,014	0	0	0	2,014	0	0	0	0	0	0	0
Wisconsin Lutheran Col	141	0	0	0	141	0	0	0	0	0	0	0
Wyoming, total	23,321	4,578	0	954	8,695	689	265	1,971	1,082	186	4,662	239
Northwest College	46	0	0	0	0	0	0	0	0	0	46	0
University of Wyoming	21,792	4,578	0	954	7,228	689	265	1,971	1,066	186	4,616	239
Western Wyoming Cmty Col	16	0	0	0	0	0	0	0	16	0	0	0
Wyoming Technical Instit	1,467	0	0	0	1,467	0	0	0	0	0	0	0
Guam, total	4,359	1,929	56	0	1,177	0	0	911	105	0	181	0
Guam Community College	422	0	0	0	422	0	0	0	0	0	0	0
University of Guam	3,937	1,929	56	0	755	0	0	911	105	0	181	0
Puerto Rico, total	289,747	11,971	677	689	249,216	100	176	20,083	105	509	6,121	100
American Univ Puerto Rico	9,764	0	0	0	9,764	0	0	0	0	0	0	0
Antillian College	1,698	0	0	78	1,620	0	0	0	0	0	0	0
Atlantic College	808	0	0	0	808	0	0	0	0	0	0	0
Bayamon Central Univ	5,565	0	0	0	5,565	0	0	0	0	0	0	0
Bayamon Tech Univ College	515	0	0	325	190	0	0	0	0	0	0	0
Caribbean University	4,768	0	0	0	4,768	0	0	0	0	0	0	0
Catholic Univ of PR	23,610	0	0	0	23,262	0	0	348	0	0	0	0
Center Adv Stud PR&Carib	4	0	0	0	4	0	0	0	0	0	0	0
Colegio Bib Pentecostl PR	131	0	0	0	131	0	0	0	0	0	0	0
Colegio Univ del Este	17,134	0	0	0	17,134	0	0	0	0	0	0	0
Consv of Music of PR	268	0	0	0	268	0	0	0	0	0	0	0
Huertas Junior College	4,525	0	0	0	4,525	0	0	0	0	0	0	0
Inst Tec Com De P Rico	2,640	0	0	0	2,640	0	0	0	0	0	0	0
Inter Am U PR-Ctrl Off	75,949	0	0	0	75,518	0	0	405	0	0	26	0
Inter Am U PR-San German	229	0	0	0	197	0	0	0	0	0	32	0
Inter Amer U of PR Metrop	214	0	0	0	0	0	0	26	0	0	188	0
Polytech Univ of PR	5,755	0	0	0	5,755	0	0	0	0	0	0	0
Ponce School of Medicine	2,731	0	0	49	0	0	0	2,682	0	0	0	0
Turabo University College	14,685	0	0	0	14,575	0	0	0	0	110	0	0
U Ctrl Del Caribe Esc Med	1,446	0	0	0	84	0	0	1,362	0	0	0	0
U PR - Carolina Reg Col	419	0	0	0	419	0	0	0	0	0	0	0
U PR - Regional Col Admn	57,590	0	0	0	57,417	0	0	73	0	0	0	100
U PR -La Montana Reg Col	340	0	0	0	340	0	0	0	0	0	0	0
Un of PR Arecibo Tech Un	369	0	0	0	369	0	0	0	0	0	0	0
Univ of the Sacred Heart	9,227	0	0	0	9,161	0	0	0	0	0	66	0
Univ of PR System Off	1,353	40	577	0	0	100	0	247	105	0	284	0
Univ of PR-Cayey U Col	747	0	0	0	515	0	0	232	0	0	0	0
Univ of PR-Humacao U Col	1,240	0	0	0	688	0	0	552	0	0	0	0
Univ of PR-Mayaguez	16,365	11,931	100	138	285	0	59	686	0	368	2,798	0
Univ of PR-Med Sci Cmpus	11,016	0	0	0	0	0	0	11,016	0	0	0	0
Univ of PR-Rio Piedras	6,518	0	0	99	1,090	0	117	2,454	0	31	2,727	0
Universidad Metropolitana	12,124	0	0	0	12,124	0	0	0	0	0	0	0
American Samoa, total	1,727	1,191	0	0	473	0	0	24	0	0	39	0
American Samoa Cmty Col	1,727	1,191	0	0	473	0	0	24	0	0	39	0
Virgin Islands, total	3,492	1,752	0	0	1,313	0	0	319	108	0	0	0
U of the Virgin Islands	3,492	1,752	0	0	1,313	0	0	319	108	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Federal obligations to universities and colleges, by State, institution, and agency: fiscal year 1991

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Trust Territory Pacific Island, total	5,401	1,933	0	0	3,405	0	0	63	0	0	0	0
Cmty Col of Micronesia	2,894	849	0	0	1,982	0	0	63	0	0	0	0
Micronesian Occup College	1,423	0	0	0	1,423	0	0	0	0	0	0	0
No Marianas College	1,084	1,084	0	0	0	0	0	0	0	0	0	0

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

NOTE: The appearance of negative numbers is a result of deobligations; see "Definitions" in Technical Notes.

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-18. Federal obligations to historically black colleges and universities, ranked by total amount received in fiscal year 1991: fiscal years 1984-91

[Dollars in thousands]

Institution	1984	1985	1986	1987	1988	1989	1990	1991
Total, all institutions	575,088	540,741	581,877	629,447	640,887	699,611	704,088	790,384
1 Howard University	180,733	163,879	169,084	166,784	168,947	175,594	186,344	191,540
2 Southern U & A&M College	17,155	16,943	14,850	22,651	24,907	26,311	23,909	29,786
3 Florida A & M University	9,132	10,481	11,376	12,341	12,088	14,640	18,006	27,016
4 Meharry Medical College	8,944	9,904	8,779	13,788	15,566	17,545	21,124	25,151
5 Tuskegee University	23,242	13,681	14,281	20,021	16,656	16,746	16,610	21,172
6 NC Ag & Tech State Univ	11,331	10,542	11,396	18,757	14,864	16,114	15,320	17,978
7 Tennessee State Univ	15,046	14,756	11,982	11,959	12,637	14,032	15,607	17,880
8 Jackson State University	10,492	11,033	16,451	14,973	15,760	18,189	17,537	17,833
9 Hampton University	6,358	5,975	6,844	7,195	8,885	10,193	11,808	14,766
10 Morehouse School of Med	6,503	1,125	2,562	5,648	9,019	11,942	12,876	14,469
Total 1st 10 institutions	288,936	258,319	267,605	294,117	299,329	321,306	339,141	377,591
11 Grambling State Univ	7,602	7,432	12,073	9,826	10,501	12,702	12,646	14,189
12 Alabama A & M University	8,808	8,351	9,407	10,313	10,535	10,904	12,449	14,152
13 Prairie View A & M Univ	11,421	10,966	11,713	12,456	15,332	13,281	14,093	14,099
14 Texas Southern Univ	6,894	5,785	7,440	8,190	9,763	11,285	11,912	14,031
15 Clark Atlanta University	7,900	8,941	13,268	15,646	15,175	13,381	11,884	12,389
16 South Carolina St College	7,330	9,341	9,055	7,626	8,646	10,201	10,386	11,938
17 Virginia State University	7,503	8,258	12,084	8,066	8,418	9,649	10,172	11,716
18 Norfolk State University	6,261	6,815	7,254	7,704	7,590	10,085	8,590	10,897
19 Xavier University of LA	4,812	4,959	4,847	6,573	8,209	17,477	9,200	10,722
20 Univ of Ark Pine Bluff	5,644	6,158	7,137	7,708	8,195	11,993	9,879	10,502
Total 1st 20 institutions	363,111	335,325	361,883	388,225	401,693	442,264	450,352	502,226
21 Alcorn State University	7,433	6,867	7,755	7,178	7,959	8,086	9,847	10,474
22 Alabama State University	5,193	6,044	6,561	6,523	6,910	7,813	7,317	9,436
23 Morehouse College	2,575	6,184	2,670	4,603	3,152	3,773	5,414	9,410
24 Fort Valley State College	6,612	6,393	6,822	6,634	6,646	7,325	8,181	9,103
25 Kentucky State University	5,948	5,751	5,843	11,834	10,117	10,504	7,867	8,703
26 Langston University	4,264	4,196	4,645	4,592	5,331	5,936	6,411	7,819
27 Morgan State University	5,068	5,660	5,251	4,978	5,561	6,352	6,439	7,333
28 Lincoln University (MO)	5,148	5,384	5,389	5,189	5,181	5,931	6,758	7,331
29 U of MD Eastern Shore	4,178	3,909	3,945	3,874	4,333	5,138	6,178	7,056
30 Bethune Cookman College	4,127	4,174	5,017	7,588	10,785	5,478	5,817	6,827
Total 1st 30 institutions	413,657	389,887	415,781	451,218	467,668	508,600	520,581	585,718
31 Miss Valley State Univ	4,684	4,618	5,302	6,370	6,505	6,788	6,156	6,793
32 North Carolina Cntrl Univ	5,747	5,542	5,706	6,176	6,572	5,790	5,779	6,415
33 University of D C	6,478	6,302	6,621	5,129	4,477	5,518	4,997	6,352
34 Benedict College	3,411	4,793	4,207	4,691	4,508	4,757	5,327	5,591
35 Morris Brown College	3,084	2,625	3,551	3,960	3,550	4,061	4,345	5,444
36 Fayetteville State Univ	4,051	3,788	4,478	4,054	4,175	4,747	4,790	5,436
37 St Augustines College	7,179	4,018	4,286	4,802	5,948	5,095	4,809	5,424
38 Shaw University	3,086	2,985	3,814	3,191	3,402	6,934	4,394	4,930
39 Delaware State College	2,865	2,921	3,065	3,400	3,625	3,526	4,522	4,851
40 Spelman College	2,450	2,364	2,597	2,793	3,424	3,067	3,872	4,772
Total 1st 40 institutions	456,692	429,843	459,408	495,784	513,854	558,883	569,572	641,726
41 Knoxville College	1,933	1,931	1,308	2,179	2,386	3,669	3,730	4,664
42 Albany State College	3,007	2,654	3,472	2,976	4,160	4,002	4,269	4,661
43 Coppin State College	3,248	3,039	3,794	4,649	3,767	3,708	4,881	4,653
44 Fisk University	2,142	2,568	3,329	3,148	2,541	2,766	3,076	4,627
45 Dillard University	2,748	3,320	3,312	3,880	3,215	3,720	4,130	4,514
46 Florida Memorial College	3,290	3,475	3,921	4,423	3,074	6,052	4,378	4,478
47 Savannah State College	3,666	2,720	3,348	2,990	3,198	3,624	3,618	4,464
48 Winston-Salem State Univ	3,787	3,692	4,002	4,027	3,696	3,950	4,133	4,254
49 Wilberforce University	4,089	3,793	4,176	3,910	4,111	3,717	4,001	4,161
50 Elizabeth City State Univ	2,963	2,704	3,157	3,010	3,293	3,715	3,644	4,047
Total 1st 50 institutions	487,565	459,739	493,227	530,976	547,295	597,806	609,432	686,249

See explanatory information, if any, and SOURCE at end of table.

Table C-18. Federal obligations to historically black colleges and universities, ranked by total amount received in fiscal year 1991: fiscal years 1984-91

[Dollars in thousands]

Institution	1984	1985	1986	1987	1988	1989	1990	1991
51 Tougaloo College	2,265	2,474	3,082	2,630	3,561	3,676	3,721	3,905
52 Rust College	1,986	3,285	3,377	2,969	3,085	5,609	3,600	3,822
53 Coahoma Community College	2,564	345	314	2,932	3,636	3,389	3,796	3,809
54 Johnson C Smith Univ	2,629	3,754	3,055	2,856	3,271	3,190	3,449	3,673
55 Bowie State University	1,839	1,616	1,860	2,021	2,766	2,365	2,659	3,596
56 Talladega College	1,612	1,516	2,288	2,710	2,377	2,310	2,722	3,583
57 Le Moyne-Owen College	2,246	2,084	3,031	2,938	2,974	3,678	3,617	3,543
58 U of the Virgin Islands	1,713	2,768	2,009	4,942	3,093	3,040	3,299	3,492
59 Lincoln University (PA)	2,986	3,595	3,377	3,016	3,455	3,441	3,983	3,439
60 Stillman College	2,267	2,503	2,422	3,605	2,715	2,884	3,105	3,301
Total 1st 60 institutions	509,672	483,679	518,042	561,595	578,228	631,388	643,383	722,412
61 Claflin College	2,168	2,141	2,266	2,756	2,637	2,720	3,092	3,234
62 Lane College	2,211	2,406	2,016	2,567	2,139	2,581	2,630	3,233
63 Virginia Union University	2,555	2,115	2,738	2,635	2,907	3,004	2,890	3,232
64 Morris College	2,457	2,038	2,104	2,808	2,717	2,735	2,563	3,073
65 Philander Smith College	1,236	1,180	1,374	1,654	1,840	2,125	2,068	3,071
66 Voorhees College	1,854	2,109	2,443	2,814	2,425	2,463	2,732	2,957
67 Bluefield State College	1,396	1,311	1,365	1,968	2,304	2,777	2,571	2,950
68 Lawson State Cmty College	2,273	1,890	2,231	2,223	2,161	2,540	2,249	2,788
69 Oakwood College	2,347	1,453	2,352	1,477	1,930	2,242	2,358	2,548
70 Harris Stowe State Col	674	572	768	1,326	1,579	2,160	0	2,462
Total 1st 70 institutions	528,843	500,894	537,699	583,843	600,867	656,735	656,536	751,960
71 Paine College	2,387	2,509	2,286	2,060	2,343	1,946	2,269	2,459
72 Miles College	2,340	1,824	1,747	1,865	2,110	2,327	1,984	2,404
73 Paul Quinn College	1,365	1,298	1,404	1,420	1,466	1,552	1,920	2,312
74 Edward Waters College	2,196	1,769	4,935	2,025	2,110	2,240	2,120	2,280
75 Jarvis Christian College	1,866	1,481	1,500	1,807	1,707	1,854	1,803	2,192
76 Bishop St Comm Col	1,782	1,981	2,168	2,303	2,386	2,166	2,177	2,173
77 Mary Holmes College	2,332	1,984	1,457	1,659	1,655	2,611	2,335	1,998
78 Texas College	5,779	1,726	1,481	1,601	2,009	1,571	1,874	1,997
79 Wiley College	1,582	1,453	1,325	1,737	1,699	1,667	1,893	1,940
80 Livingstone College	1,665	1,304	1,417	1,496	1,475	1,551	1,551	1,805
Total 1st 80 institutions	552,137	518,223	557,419	601,816	619,827	676,220	686,462	773,520
81 Barber-Scotia College	1,232	1,102	1,266	1,296	999	1,381	1,066	1,805
82 Huston-Tillotson College	1,070	1,387	1,022	1,758	1,534	1,540	2,312	1,801
83 Trenholm St Tech Col	0	855	765	944	1,717	1,418	1,442	1,798
84 St Paul's Col (VA)	1,433	1,486	1,659	2,040	1,599	1,300	1,335	1,420
85 Selma University	1,128	815	953	1,225	1,553	1,403	1,657	1,247
86 Concordia College	852	781	994	1,571	1,114	1,031	1,254	1,213
87 Carver State Tech College	-	-	-	-	-	-	1,271	1,129
88 J F Drake St Tech	0	160	298	1,037	689	734	738	942
89 Arkansas Baptist College	365	365	374	765	985	980	812	842
90 Southwestn Christian Col	712	636	727	828	815	888	775	784
Total 1st 90 institutions	558,929	525,810	565,477	613,280	630,832	686,895	699,124	786,501
91 C A Fredd State Tech Coll	-	-	-	-	-	-	718	782
92 Central State University	4,040	4,759	4,773	4,063	210	333	672	780
93 Allen University	582	526	674	638	596	734	650	602
94 Shorter College	435	256	352	595	550	638	527	598
95 Bennett College (NC)	1,121	1,241	1,801	2,148	2,026	4,772	1,944	520
96 West Virginia State Col	2,193	1,996	2,228	2,487	2,418	2,923	251	456
97 Interdenomina Theol Ctr	0	0	68	73	75	76	75	75
98 Clinton Junior College	11	11	11	34	0	0	86	70
Bishop College	2,515	1,737	1,749	1,221	120	0	0	0
Cheyney Univ of Penn	1,845	2,409	2,070	2,533	2,676	2,604	0	0
Total 1st 100 institutions	571,671	538,745	579,203	627,172	639,505	698,975	704,047	790,384
Hinds J Co Dist Utica Cam	1,295	1,308	1,735	1,183	1,006	101	0	0
Morristown College	624	485	757	872	102	350	0	0
Prentiss Norm & Ind Inst	333	205	182	320	274	185	41	0
Shaw College at Detroit	1,165	0	0	0	0	0	0	0
Total 1st 104 institutions	575,088	540,741	581,877	629,447	640,887	699,611	704,088	790,384

NOTE: Institutions having no current-year obligations are listed in alphabetical order.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-19. Federal obligations to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1991

[Dollars in thousands]

Institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
Total, all institutions	790,384	211,513	121,233	2,620	727	21,686	23,881	41,366	578,871
1 Howard University	191,540	24,858	19,124	1,700	0	1,324	2,064	646	166,682
2 Southern U & A&M College	29,786	6,132	2,599	0	53	422	589	2,469	23,654
3 Florida A & M University	27,016	15,259	10,121	0	64	1,488	1,587	1,999	11,757
4 Meharry Medical College	25,151	10,647	8,728	0	0	417	1,502	0	14,504
5 Tuskegee University	21,172	10,377	5,165	679	0	799	653	3,081	10,795
6 NC Ag & Tech State Univ	17,978	11,649	5,955	0	50	701	836	4,107	6,329
7 Tennessee State Univ	17,880	9,305	5,467	241	0	644	643	2,310	8,575
8 Jackson State University	17,833	4,349	3,184	0	0	842	265	58	13,484
9 Hampton University	14,766	6,940	5,672	0	0	877	381	10	7,826
10 Morehouse School of Med	14,469	7,275	6,051	0	0	177	1,047	0	7,194
Total 1st 10 institutions	377,591	106,791	72,066	2,620	167	7,691	9,567	14,680	270,800
11 Grambling State Univ	14,189	1,154	269	0	102	242	434	107	13,035
12 Alabama A & M University	14,152	8,508	5,411	0	0	782	358	1,957	5,644
13 Prairie View A & M Univ	14,099	6,896	3,472	0	0	424	293	2,707	7,203
14 Texas Southern Univ	14,031	3,363	1,918	0	42	397	698	308	10,668
15 Clark Atlanta University	12,389	10,856	9,315	0	21	632	888	0	1,533
16 South Carolina St College	11,938	4,335	1,839	0	31	188	226	2,051	7,603
17 Virginia State University	11,716	5,616	2,348	0	0	536	451	2,281	6,100
18 Norfolk State University	10,897	924	209	0	35	265	339	76	9,973
19 Xavier University of LA	10,722	3,037	1,821	0	0	707	509	0	7,685
20 Univ of Ark Pine Bluff	10,502	3,886	1,545	0	0	369	438	1,534	6,616
Total 1st 20 institutions	502,226	155,366	100,213	2,620	398	12,233	14,201	25,701	346,860
21 Alcorn State University	10,474	4,035	1,819	0	0	455	117	1,644	6,439
22 Alabama State University	9,436	450	130	0	0	304	16	0	8,986
23 Morehouse College	9,410	4,517	778	0	0	1,686	1,048	1,005	4,893
24 Fort Valley State College	9,103	3,930	1,897	0	0	234	66	1,733	5,173
25 Kentucky State University	8,703	4,988	2,364	0	0	232	186	2,226	3,715
26 Langston University	7,819	3,479	1,851	0	0	108	0	1,520	4,340
27 Morgan State University	7,333	1,179	603	0	113	268	0	195	6,154
28 Lincoln University (MO)	7,331	4,063	1,909	0	0	108	75	1,971	3,268
29 U of MD Eastern Shore	7,056	3,361	1,560	0	0	347	50	1,404	3,695
30 Bethune Cookman College	6,827	812	80	0	0	134	598	0	6,015
Total 1st 30 institutions	585,718	186,180	113,204	2,620	511	16,109	16,337	37,399	399,538
31 Miss Valley State Univ	6,793	637	0	0	0	637	0	0	6,156
32 North Carolina Cntrl Univ	6,415	1,051	411	0	16	355	174	95	5,364
33 University of D C	6,352	4,044	2,202	0	51	269	455	1,067	2,308
34 Benedict College	5,591	913	0	0	0	240	481	192	4,678
35 Morris Brown College	5,444	503	244	0	0	0	259	0	4,941
36 Fayetteville State Univ	5,436	286	0	0	0	0	286	0	5,150
37 St Augustines College	5,424	0	0	0	0	0	0	0	5,424
38 Shaw University	4,930	248	32	0	0	152	64	0	4,682
39 Delaware State College	4,851	2,044	647	0	0	391	420	586	2,807
40 Spelman College	4,772	2,214	320	0	44	1,254	596	0	2,558
Total 1st 40 institutions	641,726	198,120	117,060	2,620	622	19,407	19,072	39,339	443,606
41 Knoxville College	4,664	0	0	0	0	0	0	0	4,664
42 Albany State College	4,661	471	0	0	0	171	300	0	4,190
43 Coppin State College	4,653	145	25	0	0	4	54	62	4,508
44 Fisk University	4,627	2,165	705	0	42	0	618	800	2,462
45 Dillard University	4,514	217	24	0	0	145	48	0	4,297
46 Florida Memorial College	4,478	0	0	0	0	0	0	0	4,478
47 Savannah State College	4,464	422	6	0	0	171	240	5	4,042
48 Winston-Salem State Univ	4,254	635	0	0	18	0	617	0	3,619
49 Wilberforce University	4,161	6	6	0	0	0	0	0	4,155
50 Elizabeth City State Univ	4,047	85	29	0	0	6	50	0	3,962
Total 1st 50 institutions	686,249	202,266	117,855	2,620	682	19,904	20,999	40,206	483,983

See explanatory information, if any, and SOURCE at end of table.

Table C-19. Federal obligations to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1991

[Dollars in thousands]

Institution	Total, all activities	Academic science and engineering							Non-science and engineering activities
		Total academic science and engineering	Research and development	R&D plant 1/	Facilities for instruction in science and engineering	Fellowships, traineeships, and training grants	General support for science and engineering	Other science and engineering activities	
51 Tougaloo College	3,905	542	0	0	0	324	218	0	3,363
52 Rust College	3,822	140	50	0	0	0	90	0	3,682
53 Coahoma Community College	3,809	0	0	0	0	0	0	0	3,809
54 Johnson C Smith Univ	3,673	504	11	0	0	83	410	0	3,169
55 Bowie State University	3,596	370	175	0	0	80	50	65	3,226
56 Talladega College	3,583	809	222	0	0	237	350	0	2,774
57 Le Moyne-Owen College	3,543	62	62	0	0	0	0	0	3,481
58 U of the Virgin Islands	3,492	2,083	1,048	0	0	0	223	812	1,409
59 Lincoln University (PA)	3,439	719	525	0	0	194	0	0	2,720
60 Stillman College	3,301	289	0	0	0	122	167	0	3,012
Total 1st 60 institutions	722,412	207,784	119,948	2,620	682	20,944	22,507	41,083	514,628
61 Claflin College	3,234	151	151	0	0	0	0	0	3,083
62 Lane College	3,233	441	0	0	0	190	251	0	2,792
63 Virginia Union University	3,232	195	0	0	45	0	0	150	3,037
64 Morris College	3,073	0	0	0	0	0	0	0	3,073
65 Philander Smith College	3,071	123	6	0	0	0	117	0	2,948
66 Voorhees College	2,957	83	0	0	0	0	0	83	2,874
67 Bluefield State College	2,950	60	60	0	0	0	0	0	2,890
68 Lawson State Cmty College	2,788	0	0	0	0	0	0	0	2,788
69 Oakwood College	2,548	206	0	0	0	206	0	0	2,342
70 Harris Stowe State Col	2,462	260	2	0	0	0	258	0	2,202
Total 1st 70 institutions	751,960	209,303	120,167	2,620	727	21,340	23,133	41,316	542,657
71 Paine College	2,459	0	0	0	0	0	0	0	2,459
72 Miles College	2,404	0	0	0	0	0	0	0	2,404
73 Paul Quinn College	2,312	0	0	0	0	0	0	0	2,312
74 Edward Waters College	2,280	0	0	0	0	0	0	0	2,280
75 Jarvis Christian College	2,192	172	172	0	0	0	0	0	2,020
76 Bishop St Comm Col	2,173	0	0	0	0	0	0	0	2,173
77 Mary Holmes College	1,998	0	0	0	0	0	0	0	1,998
78 Texas College	1,997	50	0	0	0	0	0	50	1,947
79 Wiley College	1,940	58	58	0	0	0	0	0	1,882
80 Livingstone College	1,805	0	0	0	0	0	0	0	1,805
Total 1st 80 institutions	773,520	209,583	120,397	2,620	727	21,340	23,133	41,366	563,937
81 Barber-Scotia College	1,805	316	0	0	0	0	316	0	1,489
82 Huston-Tillotson College	1,801	0	0	0	0	0	0	0	1,801
83 Trenholm St Tech Col	1,798	0	0	0	0	0	0	0	1,798
84 St Paul's Col (VA)	1,420	0	0	0	0	0	0	0	1,420
85 Selma University	1,247	301	0	0	0	0	301	0	946
86 Concordia College	1,213	0	0	0	0	0	0	0	1,213
87 Carver State Tech College	1,129	0	0	0	0	0	0	0	1,129
88 J F Drake St Tech	942	0	0	0	0	0	0	0	942
89 Arkansas Baptist College	842	0	0	0	0	0	0	0	842
90 Southwestn Christian Col	784	0	0	0	0	0	0	0	784
Total 1st 90 institutions	786,501	210,200	120,397	2,620	727	21,340	23,750	41,366	576,301
91 C A Fredd State Tech Coll	782	0	0	0	0	0	0	0	782
92 Central State University	780	557	441	0	0	116	0	0	223
93 Allen University	602	0	0	0	0	0	0	0	602
94 Shorter College	598	0	0	0	0	0	0	0	598
95 Bennett College (NC)	520	451	90	0	0	230	131	0	69
96 West Virginia State Col	456	305	305	0	0	0	0	0	151
97 Interdenomina Theol Ctr	75	0	0	0	0	0	0	0	75
98 Clinton Junior College	70	0	0	0	0	0	0	0	70
Total 1st 98 institutions	790,384	211,513	121,233	2,620	727	21,686	23,881	41,366	578,871

1/ See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-20. Federal obligations to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total, all institutions	790,384	73,383	1,616	24,602	556,076	4,353	3,958	82,451	858	16,951	25,210	926
1 Howard University	191,540	80	48	1,751	168,931	43	208	10,829	0	1,804	7,846	0
2 Southern U & A&M College	29,786	3,783	0	405	23,201	12	403	1,075	0	312	566	29
3 Florida A & M University	27,016	3,258	100	6,823	11,415	23	0	2,490	0	1,465	1,350	92
4 Meharry Medical College	25,151	0	0	670	3,399	0	239	19,246	0	0	1,597	0
5 Tuskegee University	21,172	5,381	0	1,262	7,487	350	0	5,107	0	337	1,243	5
6 NC Ag & Tech State Univ	17,978	5,889	0	1,618	6,133	160	75	1,101	0	2,514	338	150
7 Tennessee State Univ	17,880	5,401	0	198	8,793	0	0	2,373	0	428	687	0
8 Jackson State University	17,833	3	25	486	13,001	1,665	37	1,368	194	373	567	114
9 Hampton University	14,766	0	100	2,604	6,363	231	52	1,567	70	2,217	1,562	0
10 Morehouse School of Med	14,469	0	0	0	4,833	0	340	9,241	0	0	55	0
Total 1st 10 institutions	377,591	23,795	273	15,817	253,556	2,484	1,354	54,397	264	9,450	15,811	390
11 Grambling State Univ	14,189	0	0	0	13,060	133	0	758	0	0	238	0
12 Alabama A & M University	14,152	4,271	0	1,510	5,634	0	0	573	138	1,026	1,000	0
13 Prairie View A & M Univ	14,099	5,587	0	174	6,919	260	0	404	0	355	300	100
14 Texas Southern Univ	14,031	0	0	0	11,173	39	90	2,372	0	275	82	0
15 Clark Atlanta University	12,389	26	80	2,103	1,319	581	2,037	2,884	86	85	3,188	0
16 South Carolina St College	11,938	3,562	0	253	7,873	46	0	173	0	0	31	0
17 Virginia State University	11,716	4,605	0	246	6,033	86	0	433	0	263	50	0
18 Norfolk State University	10,897	0	0	332	9,547	109	4	694	0	176	35	0
19 Xavier University of LA	10,722	0	100	312	5,454	0	86	4,471	0	299	0	0
20 Univ of Ark Pine Bluff	10,502	3,264	0	0	6,599	0	4	580	55	0	0	0
Total 1st 20 institutions	502,226	45,110	453	20,747	327,167	3,738	3,575	67,739	543	11,929	20,735	490
21 Alcorn State University	10,474	4,085	0	191	6,081	0	0	117	0	0	0	0
22 Alabama State University	9,436	0	0	0	9,034	0	0	366	0	0	36	0
23 Morehouse College	9,410	55	0	269	4,341	75	108	1,525	0	1,686	1,276	75
24 Fort Valley State College	9,103	3,611	0	202	5,037	203	0	0	0	0	50	0
25 Kentucky State University	8,703	4,853	247	0	3,437	0	0	166	0	0	0	0
26 Langston University	7,819	3,472	0	0	4,153	7	0	122	0	0	0	65
27 Morgan State University	7,333	0	100	382	5,719	0	82	205	0	346	499	0
28 Lincoln University (MO)	7,331	3,991	0	134	3,125	0	0	75	2	0	0	4
29 U of MD Eastern Shore	7,056	2,764	600	0	3,079	0	0	291	0	131	191	0
30 Bethune Cookman College	6,827	0	0	0	5,872	0	0	875	0	75	5	0
Total 1st 30 institutions	585,718	67,941	1,400	21,925	377,045	4,023	3,765	71,481	545	14,167	22,792	634
31 Miss Valley State Univ	6,793	623	100	0	6,056	0	14	0	0	0	0	0
32 North Carolina Cntrl Univ	6,415	17	0	339	5,545	0	53	430	0	0	31	0
33 University of D C	6,352	1,586	0	323	2,281	0	4	712	105	774	567	0
34 Benedict College	5,591	0	100	0	4,329	0	0	1,095	0	0	0	67
35 Morris Brown College	5,444	0	0	277	4,816	0	0	351	0	0	0	0
36 Fayetteville State Univ	5,436	0	0	0	5,150	0	0	286	0	0	0	0
37 St Augustines College	5,424	0	0	253	5,140	0	0	31	0	0	0	0
38 Shaw University	4,930	20	0	0	4,746	0	40	75	0	37	12	0
39 Delaware State College	4,851	1,409	0	98	2,797	0	2	545	0	0	0	0
40 Spelman College	4,772	0	0	27	2,408	0	26	723	0	1,224	364	0
Total 1st 40 institutions	641,726	71,596	1,600	23,242	420,313	4,023	3,904	75,729	650	16,202	23,766	701
41 Knoxville College	4,664	0	0	0	4,664	0	0	0	0	0	0	0
42 Albany State College	4,661	0	0	0	4,233	0	0	428	0	0	0	0
43 Coppin State College	4,653	0	0	0	4,568	0	4	81	0	0	0	0
44 Fisk University	4,627	0	0	0	2,687	126	25	326	0	404	842	217
45 Dillard University	4,514	24	0	0	4,345	36	15	94	0	0	0	0
46 Florida Memorial College	4,478	0	0	0	4,478	0	0	0	0	0	0	0
47 Savannah State College	4,464	0	16	0	4,305	0	0	143	0	0	0	0
48 Winston-Salem State Univ	4,254	0	0	0	3,465	0	0	771	0	0	18	0
49 Wilberforce University	4,161	6	0	0	4,155	0	0	0	0	0	0	0
50 Elizabeth City State Univ	4,047	0	0	29	4,012	0	6	0	0	0	0	0
Total 1st 50 institutions	686,249	71,626	1,616	23,271	461,225	4,185	3,954	77,572	650	16,606	24,626	918

See explanatory information, if any, and SOURCE at end of table.

Table C-20. Federal obligations to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
51 Tougaloo College	3,905	0	0	0	3,161	0	0	744	0	0	0	0
52 Rust College	3,822	0	0	50	3,570	0	0	202	0	0	0	0
53 Coahoma Community College	3,809	0	0	0	3,809	0	0	0	0	0	0	0
54 Johnson C Smith Univ	3,673	0	0	0	3,169	11	0	493	0	0	0	0
55 Bowie State University	3,596	0	0	79	3,131	0	0	210	0	80	96	0
56 Talladega College	3,583	0	0	0	2,965	0	0	396	0	0	222	0
57 Le Moyne-Owen College	3,543	0	0	0	3,481	0	0	50	0	0	12	0
58 U of the Virgin Islands	3,492	1,752	0	0	1,313	0	0	319	108	0	0	0
59 Lincoln University (PA)	3,439	0	0	436	2,720	0	4	190	0	0	84	5
60 Stillman College	3,301	0	0	0	3,012	0	0	289	0	0	0	0
Total 1st 60 institutions	722,412	73,378	1,616	23,836	491,556	4,196	3,958	80,485	758	16,686	25,040	923
61 Claflin College	3,234	0	0	0	3,083	100	0	51	0	0	0	0
62 Lane College	3,233	0	0	0	2,879	0	0	354	0	0	0	0
63 Virginia Union University	3,232	0	0	0	3,187	0	0	0	0	0	45	0
64 Morris College	3,073	0	0	0	3,073	0	0	0	0	0	0	0
65 Philander Smith College	3,071	5	0	0	2,948	0	0	117	0	0	0	1
66 Voorhees College	2,957	0	0	0	2,957	0	0	0	0	0	0	0
67 Bluefield State College	2,950	0	0	0	2,890	0	0	0	60	0	0	0
68 Lawson State Cmty College	2,788	0	0	0	2,788	0	0	0	0	0	0	0
69 Oakwood College	2,548	0	0	0	2,342	0	0	206	0	0	0	0
70 Harris Stowe State Col	2,462	0	0	0	2,460	0	0	0	0	0	0	2
Total 1st 70 institutions	751,960	73,383	1,616	23,836	520,163	4,296	3,958	81,193	818	16,686	25,085	926
71 Paine College	2,459	0	0	0	2,364	0	0	95	0	0	0	0
72 Miles College	2,404	0	0	0	2,404	0	0	0	0	0	0	0
73 Paul Quinn College	2,312	0	0	0	2,312	0	0	0	0	0	0	0
74 Edward Waters College	2,280	0	0	0	2,280	0	0	0	0	0	0	0
75 Jarvis Christian College	2,192	0	0	125	2,020	0	0	47	0	0	0	0
76 Bishop St Comm Col	2,173	0	0	0	2,044	0	0	129	0	0	0	0
77 Mary Holmes College	1,998	0	0	0	1,998	0	0	0	0	0	0	0
78 Texas College	1,997	0	0	0	1,997	0	0	0	0	0	0	0
79 Wiley College	1,940	0	0	0	1,882	0	0	0	0	0	58	0
80 Livingstone College	1,805	0	0	0	1,805	0	0	0	0	0	0	0
Total 1st 80 institutions	773,520	73,383	1,616	23,961	541,269	4,296	3,958	81,464	818	16,686	25,143	926
81 Barber-Scotia College	1,805	0	0	0	1,805	0	0	0	0	0	0	0
82 Huston-Tillotson College	1,801	0	0	0	1,801	0	0	0	0	0	0	0
83 Tranholm St Tech Col	1,798	0	0	0	1,798	0	0	0	0	0	0	0
84 St Paul's Col (VA)	1,420	0	0	0	1,420	0	0	0	0	0	0	0
85 Selma University	1,247	0	0	0	946	0	0	301	0	0	0	0
86 Concordia College	1,213	0	0	0	1,213	0	0	0	0	0	0	0
87 Carver State Tech College	1,129	0	0	0	1,129	0	0	0	0	0	0	0
88 J F Drake St Tech	942	0	0	0	942	0	0	0	0	0	0	0
89 Arkansas Baptist College	842	0	0	0	842	0	0	0	0	0	0	0
90 Southwestn Christian Col	784	0	0	0	784	0	0	0	0	0	0	0
Total 1st 90 institutions	786,501	73,383	1,616	23,961	553,949	4,296	3,958	81,765	818	16,686	25,143	926

See explanatory information, if any, and SOURCE at end of table.

Table C-20. Federal obligations to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

Institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
91 C A Fredd State Tech Coll	782	0	0	0	782	0	0	0	0	0	0	0
92 Central State University	780	0	0	490	0	17	0	206	0	0	67	0
93 Allen University	602	0	0	0	602	0	0	0	0	0	0	0
94 Shorter College	598	0	0	0	598	0	0	0	0	0	0	0
95 Bennett College (NC)	520	0	0	0	0	40	0	480	0	0	0	0
96 West Virginia State Col	456	0	0	151	0	0	0	0	40	265	0	0
97 Interdenomina Theol Ctr	75	0	0	0	75	0	0	0	0	0	0	0
98 Clinton Junior College	70	0	0	0	70	0	0	0	0	0	0	0
Total 1st 98 institutions	790,384	73,383	1,616	24,602	556,076	4,353	3,958	82,451	858	16,951	25,210	926

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

Table C-21. Federal obligations to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

System of universities and colleges	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Total, all Systems	5,624,988	372,473	57,246	445,717	1,480,408	251,022	45,566	2,010,152	43,339	239,688	639,765	39,760
1 Univ of California Sys	1,076,095	30,602	5,421	74,175	88,307	54,619	3,450	605,052	3,359	53,996	148,459	8,655
2 Univ of Texas Sys	382,805	600	743	53,472	42,958	15,433	3,221	226,722	470	11,942	23,819	3,425
3 Univ of Wisconsin Sys	307,161	22,552	3,001	13,671	85,461	20,224	1,365	108,847	356	12,473	38,830	381
4 Univ of North Carolina Sys	293,136	31,171	4,090	14,639	75,305	3,149	8,172	120,787	681	6,664	22,725	5,753
5 State Univ Sys of Florida	244,211	21,173	3,175	25,308	68,027	15,667	2,263	58,347	1,727	8,929	38,151	1,444
6 State Univ of New York Sys	230,980	2,164	4,153	9,745	68,588	6,607	1,814	100,468	158	3,442	33,840	1
7 Univ Sys of Georgia	230,399	25,943	2,717	70,993	55,204	14,022	4,458	30,856	684	5,888	16,481	3,153
8 Univ of Illinois Sys	219,714	21,668	2,000	22,965	25,304	15,142	1,362	63,715	339	3,463	61,406	2,350
9 Columbia Univ Sys	209,900	0	1,102	8,566	17,962	7,661	660	126,386	1,367	6,405	39,517	274
10 Utah Higher Ed Sys	205,161	5,956	151	55,622	58,697	5,899	416	59,839	2,344	2,003	14,134	100
11 U & St Col of Arizona Sys	184,346	8,340	496	13,725	40,998	4,971	960	63,909	2,351	18,322	29,111	1,163
12 Oregon State Higher Ed Sys	176,312	15,489	5,846	7,894	43,343	16,905	2,769	54,216	4,160	3,051	21,856	783
13 Univ of Maryland Sys	169,596	12,189	5,136	15,946	19,048	8,265	1,984	60,570	184	22,870	22,762	642
14 Univ of Alabama Sys	149,428	313	150	9,918	16,686	11,225	387	81,045	397	23,594	4,945	768
15 California St U & Col Sys	148,544	629	352	952	102,593	1,883	300	19,602	411	7,017	14,747	58
16 Texas A&M Univ Sys	120,703	41,431	2,613	5,980	18,264	4,942	982	12,441	10,740	5,803	15,277	2,230
17 Louisiana State Univ Sys	117,210	14,734	1,871	2,203	34,228	24,845	1,796	29,864	1,790	1,007	4,872	0
18 Univ of Puerto Rico Sys	96,472	11,971	677	562	61,313	100	176	15,260	105	399	5,809	100
19 City Univ of New York Sys	89,783	10	0	2,284	879	1,351	0	72,463	0	879	10,872	1,045
20 Univ of Hawaii Sys	81,495	12,940	6,524	7,320	15,244	2,400	3	13,997	641	7,131	13,107	2,188
21 Inter American U of PR Sys	76,392	0	0	0	75,715	0	0	431	0	0	246	0
22 Univ of Missouri Sys	74,563	18,870	801	1,860	19,218	1,842	446	21,359	1,424	496	8,071	176
23 Univ of Nebraska Sys	71,774	18,646	385	2,070	17,050	6,463	229	15,278	188	720	7,589	3,156
24 Univ of Arkansas Sys	70,370	22,754	0	1,107	26,701	702	94	13,953	578	292	3,389	800
25 State U & CC Sys Tennessee	66,849	5,686	43	1,023	49,367	292	124	6,368	866	620	2,115	345
26 Fundacion Educativa Mendez	43,943	0	0	0	43,833	0	0	0	0	110	0	0
27 Univ of Houston Sys	42,368	121	215	1,209	15,519	2,220	150	5,103	15	13,474	4,342	0
28 Montana Univ Sys	38,820	8,772	100	323	17,130	256	1,001	3,581	542	662	6,353	100
29 State Univ Sys of Minnesota	36,763	0	178	43	34,199	40	2	926	0	45	1,330	0
30 Univ of Maine Sys	35,594	6,486	294	342	23,660	140	570	1,178	452	258	2,121	91
31 Univ of Alaska Sys	34,123	2,792	1,825	1,058	5,123	962	475	1,466	3,731	6,724	9,967	0
32 Univ of Nevada Sys	32,869	3,216	962	225	10,145	1,468	5,069	5,584	2,014	594	3,514	78
33 Univ of New Hampshire Sys	31,789	3,925	1,792	685	7,884	576	868	2,303	416	8,292	4,942	106
34 Southern Illinois Univ Sys	30,525	885	0	199	21,623	309	0	5,078	374	73	1,984	0
35 Virginia Cmty Col Sys	29,995	4	0	339	29,438	0	0	0	0	100	114	0
36 Minnesota Cmty Col Sys	27,017	1	0	0	26,906	0	0	110	0	0	0	0
37 Massachusetts Cmty Col Sys	24,292	0	0	0	23,923	0	0	320	0	0	48	1
38 San Diego District CC Sys	18,253	0	0	17,795	458	0	0	0	0	0	0	0
39 State Sys of Higher Ed	16,727	0	0	75	16,377	0	2	103	0	0	320	0
40 Massachusetts State Col Sys	13,314	0	0	0	12,311	442	0	25	0	0	536	0
41 Troy State Univ Sys	9,143	0	0	210	8,901	0	0	32	0	0	0	0
42 Univ of South Dakota Sys	8,156	0	0	537	6,077	0	0	1,272	62	20	0	188
43 Washington State CC Dist 17	7,782	0	0	0	7,782	0	0	0	0	0	0	0
44 Univ of South Texas Sys	7,535	73	0	38	6,926	0	0	263	0	218	17	0
45 Cmty Col of Denver Sys	7,276	0	0	0	7,275	0	0	0	0	0	0	1
46 Claremont Cols Sys	6,050	0	0	451	3,736	0	0	314	0	40	1,509	0
47 Metro CC Admin Center Sys	5,816	0	0	0	5,803	0	0	0	0	0	13	0
48 State Center Jr Col Dist	4,036	0	100	0	3,936	0	0	0	0	0	0	0
49 Foothill-Deanza Cmty Col Foothill-Deanza CC Dist Sys	3,933	0	0	145	2,082	0	0	0	0	1,672	34	0
50 Mesa Co Jr Col District Sys	3,534	1	0	0	3,533	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE, at end of table.

Table C-21. Federal obligations to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1991

[Dollars in thousands]

System of universities and colleges	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
51 Dallas County Cmty Col Sys	2,076	0	0	0	2,039	0	0	0	0	0	36	1
52 Los Angeles Cmty Col Sys	2,046	0	0	0	1,573	0	0	473	0	0	0	0
53 San Mateo Cmty Col Sys	1,550	0	0	0	1,550	0	0	0	0	0	0	0
54 Maricopa County Cmty Col Sys	1,451	0	0	0	1,043	0	0	8	0	0	400	0
55 Univ of Massachusetts Sys	891	170	333	0	0	0	0	0	333	0	0	55
56 California Sch Prof Psych	827	0	0	0	777	0	0	50	0	0	0	0
57 West Valley Joint CC Sys	755	0	0	0	755	0	0	0	0	0	0	0
58 Becker Jr Col Sys	671	0	0	0	671	0	0	0	0	0	0	0
59 Western State U Col of Law	581	0	0	0	581	0	0	0	0	0	0	0
60 Univ of Tennessee Sys	448	194	0	0	0	0	0	25	80	0	0	149
61 Kern Cmty Col District Sys	379	0	0	0	379	0	0	0	0	0	0	0
62 Peralta Cmty Col Sys	163	0	0	0	0	0	0	163	0	0	0	0
63 Coast Cmty Col District Sys	55	0	0	0	0	0	0	0	0	0	55	0
64 San Jose Cmty Col Sys	43	0	0	43	0	0	0	0	0	0	0	0

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

NOTE: Includes obligations to every individual institution included within each system

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1991

NATIONAL SCIENCE FOUNDATION
ARLINGTON, VA 22230

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

RETURN THIS COVER SHEET TO ROOM P35 IF YOU DO NOT WISH TO RECEIVE THIS MATERIAL ☐ , OR IF CHANGE OF ADDRESS IS NEEDED ☐ , INDICATE CHANGE INCLUDING ZIP CODE ON THE LABEL (DO NOT REMOVE LABEL).

SPECIAL FOURTH-CLASS RATE
POSTAGE & FEES PAID
National Science Foundation
Permit No. G-69

00145173 ERIC
ERIC FACILITY
1301 PICCARD DRIVE
SUITE 300
ROCKVILLE MD 20850-4305

BEST COPY AVAILABLE

NSF 93-325